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# Newsletter for Computer Education, Training & Tutorial Resources: Issue #8 - April 2001

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## Newsletter for Computer Education, Training & Tutorial Resources

\*\*\* ISSUE #8 - April, 2001 \*\*\*

<http://www.intelform.com/>

This Newsletter is only sent to its subscribers and is available in early May, 2001 on the web at <http://www.intelform.com/newsletter08.html>

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Please forward this newsletter to all your friends and associates who might be interested!

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### 1) Editor's Greeting:

Welcome to our 8th issue of our free monthly email newsletter for Computer Education, Training, & Tutorial Resources. We are a non-profit web site and our mission is the training of those less fortunate who are seeking to become computer literate, both technically and from a user's perspective.

If you have any suggestions, ideas, or feedback about this newsletter, feel free to email us at [mailto:scott\\_turton@intelinfo.com](mailto:scott_turton@intelinfo.com). We appreciate your feedback. Also, please send this to your friends and colleagues, if you think they would like it. It contains highly valuable information for anyone who is an I.T. professional or desiring to become one.

In this issue we describe and link to a total of 64 computer IT education and learning web sites. By means of this email newsletter, you have knowledge of and access to these sites before our web site visitors do.

Latest News:

- Here is a new free subscription service for computer and technology newsletters: [http://www.intelinfo.com/links/free\\_it\\_newsletters.html](http://www.intelinfo.com/links/free_it_newsletters.html)

Please sign-up for one of these free newsletters. Our web site receives 30 cents for everyone who does - these funds enable us to further help you and everyone else find the best free computer training and tutorials on the web today.

- New free classes at Barnes & Noble University start on April 9th, including 'Introduction to XML' and 'Beginning Flash Web Animation'. Here is the url: <http://www.barnesandnobleuniversity.com/>.

- We now have over 3,000 confirmed subscribers to this newsletter, and growing by 15-30 new ones every day.

Please help support our IT training mission by visiting any of our sponsors in this newsletter or on our site at <http://www.intelinfo.com> . Good luck with your computer studies and learning.

Warm Regards,  
Scott Turton  
[scott\\_turton@intelinfo.com](mailto:scott_turton@intelinfo.com)  
Newsletter Editor and Webmaster  
<http://www.intelinfo.com/>

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facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training. For a short FAQ, please see the end of this newsletter.

The total price to join as a member is only \$10 total for 2 months, \$18.50 for 4 months or \$25.50 for 6 months. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up: <http://www.intelinfo.com/signup/index.html>

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## 2) The Best New Free I.T. Training & Tutorial Sites:

This section of our newsletter contains the best new free IT training and tutorial sites that we have found and researched in the last few weeks. These web sites will be added to our Free IT Courses and Books page at <http://www.intelinfo.com/cat1.html> and our Free IT Tutorials and Guides page at <http://www.intelinfo.com/cat2.html> in the coming weeks.

Here is our next new 'single topic' free training page that we have added to our web site:

### **Free Oracle Training:**

[http://www.intelinfo.com/free\\_oracle\\_training.html](http://www.intelinfo.com/free_oracle_training.html)

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### **Intel ISP Program On-Line Learning Center:**

<http://www.intel.com/isp/train/olc.htm>

Intel is providing Free training courses for many areas related to ISP solutions. You can download interactive courses and take advantage of this free learning center. Courses include: Intel NetStructure VPN Product Introduction, On-line e-Commerce Product Course, Caching Essentials, WAN Technologies, WAN Solutions, Intel LAN Systems, Intel Internetworking Products, Fundamentals of Ethernet Technology, Fundamentals of Networking Technology, Introduction to the Pentium III Processor, Client Server Management Technology, and Technology Essential - Platform and Integration.

\*\*\*\*\*

### **Center for the New Engineer's Tutorial Modules Central:**

<http://www.cne.gmu.edu/modules/index.html>

Free library of internet-accessible tutorial modules in these areas: Computer Networking, Asynchronous Transfer Mode, Virtual Memory, Workflow, Distributed Shared Memory, Inter-Process Communication, Operating System Performance. These modules include interactive workbenches.

\*\*\*\*\*

These 2 courses were developed for the New Age Distance Learning Concept by Professor Douglas Lyon at the University of Bridgeport. They contain excellent lecture notes that you can use to understand the concepts:



**Java Programming:**

<http://www.docjava.com/java/javalect/ub/cs410x/cconts.htm>

- Covers Java code basics, Data types and flow of control, Objects and Classes, Methods, Members, Inheritance and Encapsulation, The Java Standard Library, Interface Methods, Interface Class Types and Interface Subclassing, Packages, Project organization, Exceptions, throw, try, and catch, Multi-threading, Synchronization and Concurrency, Abstract Window Toolkit, Object Hierarchy Reference, Graphics, using the graphics class, Sound Processing , Image Processing.

**Advanced Java Programming:**

<http://www.docjava.com/java/javalect/ub/cs411x/cconts.htm>

- Covers streams, digital audio processing, advanced digital audio processing, digital images, and image processing.

\*\*\*\*\*

**Developing JavaBeans Components:**

<http://java.sun.com/javaone/javaone98/sessions/T305/>

This free training session lays out the JavaBeans component architecture and describes the aspects that make up the JavaBeans component specification. It covers the Beans Development Kit (BDK) software, how to build and interconnect JavaBeans components. It also gives practical information how to create well behaved beans components.

\*\*\*\*\*

**Enterprise JavaBeans by Gopalan Suresh Raj:**

<http://www.execpc.com/~gopalan/java/ejb.html>

This site gives you free training material covering "Developing Entity & Session EJBs, EJB Clients, & EJB Servlet Clients". This is one of the best and most excellent free EJB training sites I have ever reviewed. Here is their Advanced Java/J2EE Tutorial:[http://www.execpc.com/~gopalan/java/java\\_tutorial.html](http://www.execpc.com/~gopalan/java/java_tutorial.html)

\*\*\*\*\*

**Free Online IBM Websphere Training:**

<http://www-4.ibm.com/software/webservers/education.html>

Free course titles include: IBM WebSphere Studio V3.02 Workshop, IBM WebSphere Application Server V3.02 Development Workshop, Programming Enterprise JavaBeans Using IBM WebSphere Application Server V3.02, Introduction to Servlets and IBM WebSphere Application Server, Introduction to JavaServer Pages, and Building a Web Application - HTML/Servlet/JSP.

\*\*\*\*\*

**XML Basics:**

<http://www.softwareag.com/xml/about/starters.htm>

This is a good XML starter tutorial, with these topics: Why XML?,The benefits of XML, XML and the Enterprise database infrastructure today, The XML Shockwave, The XML backgrounder, Learn XML in 11.5 Minutes. Here are two other pages at this site:

**XML Resources:**

[http://www.softwareag.com/xml/Techn\\_Links/index.htm](http://www.softwareag.com/xml/Techn_Links/index.htm)



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**XML Presentations:**

<http://www.softwareag.com/xml/presentations/default.htm>

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**Motherboard HomeWorld:**

<http://www.motherboards.org/>

Motherboard HomeWorld is a most comprehensive resource web site about motherboards. They have Free Guides available on this page: <http://www.motherboards.org/guides.html>. Here are two of their very informative free guides:

**How to Build a PC:**

<http://www.motherboards.org/guidesd.html?articleid=21&pagenum=1>

**How to Install a Motherboard:**

<http://www.motherboards.org/guidesd.html?articleid=36&pagenum=1>

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**ZVON.org Tutorials:**

[http://www.zvon.org/index.php?nav\\_id=tutorials&mime=html](http://www.zvon.org/index.php?nav_id=tutorials&mime=html)

Free tutorials are available on this site that show and teach you XML, CSS, and WML. You can also download the tutorials from this page:

[http://www.zvon.org/index.php?nav\\_id=downloads&mime=html](http://www.zvon.org/index.php?nav_id=downloads&mime=html)

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**C Tutorial:**

[http://www.intelinfo.com/links/c\\_tutorial.html](http://www.intelinfo.com/links/c_tutorial.html)

A beginner's guide to programming in the C language. The program consists of 7 DOC files that each offer a different aspect of learning this common programming language. The files build upon each other, and must be read consecutively to be comprehensible. Each chapter is example based, and by the end of the tutorial, you compile a Blackjack game. (Zip file -66kb)

\*\*\*\*\*

**AmbySoft:**

<http://www.ambysoft.com/>

AmbySoft White Papers and Scott Ambler's Online Writings covering Object-Oriented development, EJBs, and UML are here:

<http://www.ambysoft.com/onlineWritings.html>

Here is a free download of their Java Coding Standards document, with other excellent links to standards and guidelines:

<http://www.ambysoft.com/javaCodingStandards.html>

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**ITLearningdirectory.com:**

<http://www.itlearningdirectory.com/>

This site has tons of free (and cost-based) content and resources for IT training and certification preparation on it. Find their free stuff by using the search on this page - type in the keyword "Free" and click on the search button:

<http://www.itlearningdirectory.com/search.asp?func=search&tree=0>

\*\*\*\*\*

**The Virtual Programming School:**

<http://learn2program.cjb.net/>

This site is offering free courses based on IT books that were once available on closed sites such as itknowledge.com and mcp.com. Areas covered include: C++, Java, Internet Game Programming, TCP/IP, SQL, Javascript, Shockwave, Visual Interdev and Activex.

\*\*\*\*\*

**SimplytheBest:**

<http://www.simplythebest.net/>

This site has lots of useful information, and links to much more. Here are their better pages:

Programming Shareware:

<http://www.simplythebest.net/programs.html>

Their Information Library offers you detailed explanations on the many subjects, giving you free script collections, tips, short tutorials, and web resources:

<http://www.simplythebest.net/info/>

This Search for "Tutorial" brings up many tutorials to choose from:

[http://www.intelinfo.com/links/simplythebest\\_search.html](http://www.intelinfo.com/links/simplythebest_search.html)

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Here are two very good Help Sites where you can ask questions to real IT experts:

**Experts Exchange:**

<http://www.experts-exchange.com/>

- IT Professional Collaboration Network on the Web. They connect you with other qualified experts, give you access to our ever-growing KnowledgeBase of IT solutions, and provide fast solutions to your toughest tech questions.

**Askme.com:**

<http://www1.askme.com/ShowCategory.asp?cid=483>

- Technology and the Web at askme.com. They have many categories to choose from and many experts within each of these categories.

\*\*\*\*\*

**Syngress Training Demos:**

<http://www.syngress.com/Marketing/demo.htm>

Certification exam preparation for Cisco, A+, Network+, MCSE, MCSA, and MCDBA. Their Personal Testing Centers are a unique combination of exam simulation, reference material, and skills assessment.

\*\*\*\*\*

**Certification Study Guides (now called CramNotes):**

<http://www.certifyexpress.com/studyguides.shtml>

For each certification exam, they have taken 300 pages of study guides and

crammed them into 10 - 30 pages of what you need to know to pass. Exams covered include Core MCSE, MCSE Electives, MCS D, Cisco, CompTIA, Novell, Linux/Unix, Certified Internet Webmaster (CIW), Oracle, and Lotus. Here are two more good pages on this free training site:

Online Practice Exam:

<http://www.certifyexpress.com/practiceexam.shtml>

- More than 2000 Free practice exam questions with help from various professionals, trainers, book publisher, training center and lots more.

Express Certification Forums:

<http://www.certifyexpress.com/cgi-bin/feedback/ultimatebb.cgi>

- Need advice for any of the major IT certification exams? Then check out this forum. They have tons of MCSEs gurus there. Questions are typically answered in a couple of hours time.

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Two Free Practice Sites for Certification Tests:

**MSExpert.com:**

[http://www.intelinfo.com/links/msexpert\\_com.html](http://www.intelinfo.com/links/msexpert_com.html)

- Free Microsoft Certification Training - hundreds of free practice questions for 20 exams for MCP, MCSE, MCS D, and MCDBA certifications.

**Free Practice:**

<http://www.freepractice.com/>

- Excellent free practice exams with lots of questions for CompTia A+, CompTia Network+, and MCSE certifications. Also free downloads, discussion forums and good links.

\*\*\*\*\*

**The Windows Registry Guide:**

<http://www.winguides.com/downloads/registry.zip>

This Guide contains tips, tricks & tweaks for optimizing, enhancing and securing the Windows 95, 98, ME & NT/2000 operating systems, all packaged in a convenient Windows HTML help file.

\*\*\*\*\*

**Free Training Content From msdn.microsoft.com:**

XML Tutorial:

<http://msdn.microsoft.com/xml/tutorial/default.asp>

- This tutorial consists of a set of interactive lessons, listed below, that walk you through typical XML authoring and development tasks.

XML: Enabling Next-Generation Web Applications:

<http://msdn.microsoft.com/xml/articles/xmlwp2.asp>

- Good tutorial article about how XML provides a significant advance in how data is described and exchanged by Web-based applications using a simple, flexible standards-based format.

XML Workshop:

<http://msdn.microsoft.com/workshop/c-frame.htm#/xml/index.asp>

- Provides information on Microsoft's support of the Extensible Markup Language (XML)—the universal format for data on the Web.

Microsoft Visual C++ 6.0 Guided Tour:

<http://www.msdn.microsoft.com/visualc/technical/tutorial/tour.asp>

- This tour provides step-by-step instructions for reviewing many of the new features of Visual C++ 6.0. As you progress through the tour, you will develop the Online Educational System of the fictitious Fitch & Mather company. By the end, you will have a sense for how professional developers can use Visual C++ 6.0 to productively

Electronic Commerce Cookbook:

<http://msdn.microsoft.com/workshop/server/commerce/cookbook.asp>

- The Planning Stage - Skills: What You Need to Know to Be Successful, Plan of Action: Design, Development, Deployment, Design: Developing the Blueprint for What You Hope to Build, Baus Coffee: Sample Architecture, and Conclusion.

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**Try out Microsoft Official Curriculum (MOC) courseware:**

[http://www.intelinfo.com/links/moc\\_courseware.html](http://www.intelinfo.com/links/moc_courseware.html)

Visit the MOC Sampler site for free sample video clips from their instructor-led courses, including new curriculum for Windows 2000. In addition, complete HTML-based, self-paced courses are available for a variety of products.

You can download these free self-paced MOC courses:

Course 1279: Implementing Windows Media Services:

[http://www.intelinfo.com/links/moc\\_course\\_1279.html](http://www.intelinfo.com/links/moc_course_1279.html)

Course 1166: A Technical Overview of UNIX and Microsoft Windows NT Integration:

[http://www.intelinfo.com/links/moc\\_course\\_1166.html](http://www.intelinfo.com/links/moc_course_1166.html)

Course 1514: Implementing Microsoft Windows NT 4.0 Services for UNIX:

[http://www.intelinfo.com/links/moc\\_course\\_1514.html](http://www.intelinfo.com/links/moc_course_1514.html)

Course 1555: Getting Ready for Microsoft Windows 2000:

[http://www.intelinfo.com/links/moc\\_course\\_1555.html](http://www.intelinfo.com/links/moc_course_1555.html)

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**Macintosh Tutorial:**

[http://www.intelinfo.com/links/mac\\_tutorial.html](http://www.intelinfo.com/links/mac_tutorial.html)

A training program for new Macintosh users to learn how to use a Macintosh. It is the replacement for Macintosh Basics and requires System 7.5 and Apple Guide. You can also sign-up for free for AppleCare and search their knowledge base, search archived information in Apple's Tech Info Library (TIL), or visit their Discussion area. Sign up from this page: <http://kbase.info.apple.com/>

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**3) New Free I.T. Books, Publications & Book Sites:**

These web sites will be added to our Free IT Courses and Books page at

[http://www.intelinfo.com/free\\_computer\\_books.html](http://www.intelinfo.com/free_computer_books.html)



**iUniverse.com:**

<http://www.iuniverse.com/bookstore/browsesubj.asp?code=1035>

These Free books are composed of freely available online computer manuals, industry standard specifications, and electronically distributed computer programming guides. They include open documents, collections of industry specifications and standards and a collection of the best open source documentation on the Web. You can freely browse all the books, which are displayed in a graphical format. You cannot jump around from chapter to chapter - to go directly to a specific page change the page=# in the url. Here are some of the free books:

Cascading Style Sheets Specification, Level 2:

<http://books.iuniverse.com/viewbooks.asp?isbn=1583482539>

- Complete and up-to-date specifications of Cascading Style Sheets, Level 2 (CSS2) (440 pages).

Apache Web Server Installation and Administration Guide:

<http://books.iuniverse.com/viewbooks.asp?isbn=1583483705>

- Complete documentation for installing and administering the Apache Web server, written by the Apache development team (336 pages).

Extensible Stylesheet Language (XSL) Version 1.0 - W3C Working Draft 27 March 2000:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595132359>

- Complete and up-to-date working draft specifications of Extensible Stylesheet Language (XSL), companion technology for XML (588 pages).

Introduction to Networks and Telecommunications:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595176704>

- Combines client-server with data communication principles and protocol applications to understand how the Web works (160 pages).

Principles of Object-Oriented Programming in Java 1.1

<http://books.iuniverse.com/viewbooks.asp?isbn=1583482180>

- This in-depth discussion of how, when, and why to use objects enables you to create programs that not only work smoothly, but are easy to maintain and upgrade using Java (396 pages).

Java & Internet Security:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595135005>

- Introductory and advanced discussions of the hottest security technologies for developing and understanding successful e-business applications (208 pages).

Linux from Scratch:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595137652>

- Describes the process of creating your own Linux system from scratch from an already installed Linux distribution (112 pages).

The No-Nonsense, Straight-to-the-Gut, CCNA 2.0 Study Guide:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595167071>

- An easy to use reference guide that will get you closer to passing the CCNA 2.0 Exam (432 pages).

Object Technology -The New Approach to Application Development:

<http://books.iuniverse.com/viewbooks.asp?isbn=1583485651>

- This book is literally Object Technology for the uninitiated software developer. It breaks down this complex subject into simple, easy-to-comprehend topics (240 pages).

PHP Manual, Volume 1:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595132278>

- The first of a two-part on the popular PHP language (480 pages).

PHP Manual, Volume 2:

<http://books.iuniverse.com/viewbooks.asp?isbn=0595132286>

- The second of a two-part on the popular PHP language (524 pages).

Python Tutorial

<http://books.iuniverse.com/viewbooks.asp?isbn=1583483756>

- Introduces the reader to the basic concepts and features of the Python language and system (140 pages).

So You Want to be an Oracle DBA? Second Edition

<http://books.iuniverse.com/viewbooks.asp?isbn=0595174485>

- A compact easy to read technical guide that includes over 35 mini lessons. A must read for every Oracle DBA (176 pages).

Using and Porting the GNU Compiler Collection (GCC)

<http://books.iuniverse.com/viewbooks.asp?isbn=059510035X>

- GCC is an integral part of the GNU Project, aiming to improve the compiler used in the GNU system (556 pages).

Version Management with CVS

<http://books.iuniverse.com/viewbooks.asp?isbn=0595149219>

- Details CVS 1.10, an open source application for concurrent version systems (224 pages).

The Visual Basic Programmer's Guide to Java

<http://books.iuniverse.com/viewbooks.asp?isbn=1583482172>

- Professional Toolkit for Object-Oriented Programming (592 pages).

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### **Windows 2000 Server Deployment and Planning Guide:**

<http://www.microsoft.com/technet/win2000/dguide/home.asp>

This is one of the volumes of the new Windows 2000 Server Resource Kit. Sample Chapters from other volumes from the Windows 2000 Professional Resource Kit and the Windows 2000 Server Resource Kit are available here:

<http://www.microsoft.com/technet/win2000/reskits.asp>

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### **Recommended Approach to Software Development:**

<http://sel.gsfc.nasa.gov/website/documents/online-doc/81-305new.pdf>

This is an excellent 232 page free manual from NASA, in pdf format. We have used some of the techniques that are shown in it.

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### **IBM Service and Maintenance Manuals:**

<http://www.ibm.com/support/us/>

Select the product family, the specific computer and then select Online Publications.

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## 4) University Computer Science Course Sites:

These web sites will be added to our Free University IT Course Webs page at <http://www.intelinfo.com/cat3.html>

### **Computer Science Teaching Material Archive:**

<http://www.cs.bu.edu/teaching/>

This is an archive of electronic material that is useful for teaching Computer Science courses. Material that is currently in the archive can be used as part of courses at BU and elsewhere so long as the source of the material is cited. This is excellent teaching and learning content, several areas are covered.

\*\*\*\*\*

### **Networking Infrastructure for E-Commerce:**

<http://ecommerce.ncsu.edu/networking/index.html>

Today's e-commerce driven economy is driven by networking infrastructure. What is meant by a networked computing infrastructure? This course provides students with a working knowledge of the capabilities and limitations of the infrastructure underlying networked computing. Nice powerpoint slides are provided.

\*\*\*\*\*

### **Data Mining Lecture Notes**

<http://hake.stanford.edu/~ullman/mining/mining.html>

These are very good lecture notes about data mining, along with assigned readings and resources, all available on the web.

\*\*\*\*\*

### **CSCI 701: Computer Programming 3 (C++):**

<http://www.cis.yzu.edu/~john/701/index.html>

This course has good online note covering: Features of C++, Objects and Classes, Objects and Messages, Encapsulation, Inheritance, Polymorphism, Containers and Templates, Exception Handling, and Properties of Classes.

\*\*\*\*\*

### **Computer and Network Architecture:**

<http://fiddle.visc.vt.edu/courses/ecpe5516/lectures.html>

Lecture resources (slides etc) covering: foundation, protocol info, direct link networks, packet & cell switching, internetworking, end-to-end protocols & data, congestion control, high-speed networking

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### **Internet Application Protocols and Standards:**

<http://dsv.su.se/jpalme/internet-course/Int-app-prot-kurs.html>

The goal of this course is to describe the most common application layer protocols on the Internet, and to describe the general principles and methods used in these protocols. Most useful are the many previous exams with correct answers and the reading section. Here is a nice collection of exam questions with links to answers:

[http://www.intelinfo.com/links/internet\\_protocols.html](http://www.intelinfo.com/links/internet_protocols.html)

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**Two good web resources:**

CS Departments Worldwide:

<http://triluminary.cs.haverford.edu/department/CS-Departments.html>

- A general resource on worldwide academic computer science departments.

Institutes, Centers, & Laboratories:

<http://src.doc.ic.ac.uk/bySubject/Computing/Overview.html#inst>

- A worldwide listing of computer science institutes, centers, & laboratories.

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**5) The Best Suggested Sites from our Website Users** - Every month we feature the best suggested IT training and tutorial sites from our website visitors. Here are this month's sites:

**Self Help:**

<http://www.bris.ac.uk/is/selfhelp/>

These two pages give you some good free IT training material:

[http://www.intelinfo.com/links/bris\\_tutorials.html](http://www.intelinfo.com/links/bris_tutorials.html)

- Tutorials by Category, Unix and C Programming Tutorials are available, along with Excel, Word, Powerpoint, Access and Windows tutorials.

[http://www.intelinfo.com/links/bris\\_self\\_paced.html](http://www.intelinfo.com/links/bris_self_paced.html)

- Self-paced learning tutorial notes.

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**PC Support Advisor:**

<http://www.pcsupportadvisor.com>

Many free networking articles all written by professionals. How-to guides, explanatory articles and full length tutorials on topics such as the OSI Model, TCP/IP, IPv6, NDS, DHCP, NAT, Frame Relay, RAID, Troubleshooting Routers, and Setting up Mail Servers. A great free reference site for networking staff and MCSE/MCNE students and anyone interested in networking. New articles are added weekly.

\*\*\*\*\*

**Study Guides for Nortel Certification:**

<http://www.nortelfaq.com/misc/study.htm>

Study guides with questions and answers for these two Nortel certification exams: Routing Core Technology (V12.0) and Using the Accelar 1000 (V2.0).

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**Computer Classes:**

<http://compuhelpbasic.homestead.com/class.html>

Free beginner computer classes, you need to email them and they will tell you when the class will start.

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**2000Exams:**

<http://www.2000exams.com>

A brand-new site that will help to prepare you for your Windows 2000 MCSE exams. All the exams on 2000Exams.com are 100% free.

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**Javaranch.com:**

<http://www.javaranch.com>

This site offers a free java course and also links to java online courses offered for free and also at low cost. This page has good java resources and tutorials:

<http://www.javaranch.com/maha/Resources/resources.html>

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**6) New Computer & IT Training & Tutorial Link & Resource Sites:**

These web sites will be added to our IT Links and Resources page at

<http://www.intelinfo.com/cat6.html>

**TheTutorial.com:**

<http://www.thetutorial.com/>

A tutorial link and resource site for webmasters offering free resources on web graphics, CGI scripts, Java Scripts, site promotion, sounds, fonts; and free tutorials on HTML, DHTML, Java, Java Script, CGI, PERL, C, and C++.

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**Software Engineering Resources:**

<http://www.uact.edu/swelinks.htm>

Links to resources and tutorials in these topics: Visual Basic, Access, C++, HTML, Java, Javascript, SQL Server, Unix, and Windows NT.

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**ByteMe.nl**

<http://www.byteme.nl/>

Excellent meta search engine, link, and resource site, click on the 'Development' link in the left column under Categories. It has categorized references to websites, articles and documentation.

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**Two search result pages from Links2go.com:**

Links and topics related to Software and Documentation:

<http://www.links2go.com/search?search=Software+and+Documentation>

Tutorial Links:

<http://www.links2go.com/search?search=tutorials&x=11&y=18>

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**The Educational CyberPlayGround:**

<http://www.cyberplayground.net/Technology/apps.html>

Tutorial Links in many areas, the meta tag says "Start here to learn how to use the Internet and Technology, for educators, professional development, and teachers who use technology."

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Top Ranking Certification Preparation & Brain Dump Sites from MCSEGuide.com:

<http://www.mcseguide.com/rank/index.html>

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**7) New Desktop and Office Application Training Sites:**

These web sites will be added to of Free Office and Desktop Training page at <http://www.intelinfo.com/office.html> . Also, check out our new MS Office 2000 Free Training page here: [http://www.intelinfo.com/office\\_2000.html](http://www.intelinfo.com/office_2000.html)

**Streamedinfo.com:**

<http://www.streamedinfo.com/>

Sign up for free and access their Free streaming and html training tutorials in these categories: Adobe Applications, Corel Suite, Lotus Applications, Microsoft 2000 Applications, Microsoft 97/98 Applications, Word, Excel, Access, PowerPoint, Outlook training tutorials, Operating Systems: Beginner to advanced levels for Windows, coming soon: Unix and Linux courses.

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**Free Training from unt.edu (pdf format):**

Introduction to Microsoft Word 2000:

<http://www.unt.edu/training/Office2000/word2000.pdf>

Introduction to Microsoft Excel 2000:

<http://www.unt.edu/training/Office2000/Excel2000.pdf>

Creating a Slide Show with PowerPoint 2000:

<http://www.unt.edu/training/Office2000/PPT2000Show.PDF>

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**Computersoftomorrow.com E-Book Tutorials:**

Word97 Tutorial (392 kb):

[http://e-book.hypermart.net/download/CTT\\_Word.exe](http://e-book.hypermart.net/download/CTT_Word.exe)

Excel97 Tutorial (331 kb):

[http://e-book.hypermart.net/download/CTT\\_Excel.exe](http://e-book.hypermart.net/download/CTT_Excel.exe)

Access97 Tutorial (425 kb):

[http://e-book.hypermart.net/download/CTT\\_Access.exe](http://e-book.hypermart.net/download/CTT_Access.exe)

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**Course Documentation:**

<http://calpact.berkeley.edu/document.html>

Documentation for using Access 2000, Excel 2000, Word 2000, Powerpoint 2000, also HTML, Intro to Windows 95/NT, Intro to Internet, Computer Basics, and Keyboard Shortcuts.

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**Office Tips from Microsoft.com:**

Access development Tips:

[http://www.intelinfo.com/links/access\\_tips.html](http://www.intelinfo.com/links/access_tips.html)

Free downloads and stuff for MS Access:

<http://www.microsoft.com/accessdev/a-free.htm>

Outlook Tips:

[http://www.intelinfo.com/links/outlook\\_tips.html](http://www.intelinfo.com/links/outlook_tips.html)

Word Tips:

[http://www.intelinfo.com/links/word\\_tips.html](http://www.intelinfo.com/links/word_tips.html)

Free Word Stuff:

[http://www.intelinfo.com/links/free\\_word\\_stuff.html](http://www.intelinfo.com/links/free_word_stuff.html)

Excel Tips:

<http://www.microsoft.com/exceldev/e-tips.htm>

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**8) I.T. Sites Worth Mentioning:**

**DevSearcher.com, The Programmer's Search Engine:**

<http://www.devsearcher.com/>

DevSearcher.com is a search engine dedicated to programmers and programming. Our huge database contains everything from Algorithms to ZX81 development and everything in between. Try searching for terms like 'free', 'tutorial', etc. You'll get a lot of sites to choose from and visit.

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**ChipCenter Knowledge Center:**

<http://www.chipcenter.com/kc/>

News, products, articles and resources for many technical areas relating to chips.

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**McGraw Hill's Online Encyclopedia of Science & Technology:**

[http://www.intelinfo.com/links/mcgraw\\_hill\\_encyclopedia.html](http://www.intelinfo.com/links/mcgraw_hill_encyclopedia.html)

This is their Computing & Information Technology Page. Register for a free 4 week trial here:

[http://www.accessscience.com/FreeTrial/free\\_frame.html](http://www.accessscience.com/FreeTrial/free_frame.html)

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**Java Compilers and VMs:**

<http://www.mathtools.net/Java/Compilers>

<http://www.geocities.com/marcoschmidt.geo/java.html>

Both of these sites give you a list of compilers and Virtual Machines for the Java programming language, including short descriptions, supported platform and Java version. Includes native compilers (to convert class files to executables) as well.

\*\*\*\*\*

**IBM Terminology:**

<http://www-3.ibm.com/ibm/terminology/>

This Web site consolidates several of the main glossaries created for IBM products in one convenient location. Areas covered are: Glossary of Computing Terms, AS/400, AIX Glossary, DB2, CICS, DCE, and Tivoli.

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**Free Site Tools:**

<http://www.freesitertools.com/>

A webmaster's directory of 1300+ free tools and services to help build, promote, improve and maintain websites. Free website graphics, java, editors, ASP, HTML, logos, PHP, DHTML, utilities, promotion, VB, tutorials, online tools, VRML, websites, XML and much more.

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## 9) Frequently Asked Questions about Technical Training:

Each month Scott Turton will answer one of the frequently asked questions we receive about computer and technical training and career development. They will be archived on a separate FAQ page on our website after several months.

April 2001 FAQ:

I would like to pursue a career in technology and have no experience in Information Technology. I am currently learning Java and plan to take up XML. How should I proceed preparing myself for a technology career?

Answer:

You may have to start you career in some area such as software testing, call center help support technician, or networking or hardware technician trainee. That's ok, what you need to do is get your foot in the door and start working in an IT environment. You should really consider earning an undergraduate (2 or 4 year) IT degree, because this will help your career greatly in the long run, giving you more options and opportunities for responsibility. Also, you should consider getting certified, such as the A+, Network+, MCSE, or Sun Java Programmer certifications.



Here are some things you can do to help yourself get into the IT field and to gain some experience:

You can look for volunteer opportunities to assist in computerization efforts. There are many organizations that could use volunteer help, such as local area schools, churches, community centers, nonprofits, service and civic organizations, and other community groups.

Search for an internship. Many companies offer candidates an opportunity to work as interns while they are studying the technology. This is a great way to get experience while you learn so check into internship programs at companies that you have an interest in working for. Here are some job internship sites:

<<http://www.intelinfo.com/jobs.html#grads>>.

Learn HTML - Knowledge of the Web is quickly becoming a key skill for technology professionals, whether they work in tech support or as a database architect. Learning HTML, the language used to display Web pages, is a first step in becoming Web savvy. (Check out <http://www.intelinfo.com/cat1.html> and page down once or twice for the best free html and web design courses on the web.) Then publish some web sites you can show to an interviewer that illustrate your skills.

Read Computer Books - Visit your local bookstore, and then head to the shelves with computer books. If it's a megastore, you'll find hundreds of books, many with obscure titles and topics. Simply perusing books about the industry and specific topics (like programming and networking) will help you explore the variety of jobs the technology field.

Write a Program - Programming and application development is an essential task for technology pros. Scores of languages exist: C++, Java, Visual Basic and lots more. Learning to program with JavaScript is a relatively quick way to get started with programming, as you're able to program with nothing more than a Web browser, a word processing program and the help of a free tutorial (look at the Site Navigation by Topic table on my home page at <http://www.intelinfo.com#navigation> for free courses and tutorials in C/C++/Java/Javascript and others). You can put your application a floppy, a Zip drive, or your laptop to bring to an interview to demonstrate your skill.

Enroll in a Workshop - Community colleges, universities and technology training centers often offer weekend or evening workshops with entry-level instruction in programming, Web development and networking.

Build a Web Site - Forget about those automated homepage builders. Instead, use your knowledge of HTML and JavaScript as a way to display your prowess with Web technologies. Experiment. Have fun. And focus on useful tools, rather than glitzy graphics.

Talk to Technology Professionals - People working in the "trenches" of the industry can provide lots of guidance to people getting started. Ask friends and colleagues for contacts in the industry. Schedule short phone conversations or meetings geared toward asking questions about technology careers. What do they do in a typical day? What skills do they need to know? What advice do they have for newbies like you? You can also check out Monster's Job Q&As to get a sense of what technology pros do at their jobs.

I suggest for you to go to a computer users group and ask about the local schools, local hiring trends, which companies are hiring, which non-profits need volunteers, etc. Ask around at the user group meetings and try to meet as many people as you can who are experienced in the areas you want to learn and become experienced in. Maybe you can also find a mentor at one of the user groups.

You can find computer user groups in your local area at these 2 sites:

<http://easysrvp.com/ugotw/> - User Groups on the Web.

I hope this helps you.

intelinfo - Scott Turton

Computer Education, Training & Tutorial Resources

<http://www.intelinfo.com>

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## 10) Please Support Our Training Mission:

<http://www.intelinfo.com/support.html>

### How You Can Support Our IT Training Mission

By purchasing quality products through the links on the <http://www.intelinfo.com/support.html> page on our Non-Profit Computer Education, Training & Tutorial Web Site you can help support our IT Training Mission. When you purchase products there and also click on the advertising links on our site and in this free newsletter, you will be helping people who want to learn to use computers in an Information Technology career.

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### Looking to Buy a House?

[http://www.intelinfo.com/links/homegain\\_buy.html](http://www.intelinfo.com/links/homegain_buy.html)

Let HomeGain help you find the house of your dreams. Agents will submit proposals based on your criteria. You review their proposals, then choose the agent that's right for you. You will remain anonymous throughout the process. There's no easier way to find a real-estate agent to buy the house of your dreams.

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To sell your house click here:

[http://www.intelinfo.com/links/homegain\\_sellers.html](http://www.intelinfo.com/links/homegain_sellers.html)

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[http://www.intelinfo.com/links/ids\\_cellular.html](http://www.intelinfo.com/links/ids_cellular.html)

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A new, free, non-profit I.T. educational and training portal web site. We have compiled, categorized, described, and linked over 1250 sites that will be of keen interest to computer science students and instructors and others seeking free training and knowledge about computers. All areas are covered, from programming to systems administration to networking to the internet. Visitors can learn and study for free how to program in Java, how to develop and maintain a simple or complex website, how to network an intranet, how to use MS Excel or FrontPage and many more computer related learning activities. They are able to study and learn all about computers and I.T. via Free training, courses, tutorials, books, guides, documentation, articles, tips, notes, and help. Also offered are free technical and user training courses co-branded with Freeskills.com. Check us out today.

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This will help everyone who is seeking to learn more about computers.

Please enter the name of the site, its address, and a short description of its contents. Thank you.

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