

Online Resources for Computing Disciplines and Careers

CSE 1101 COMPUTING DISCIPLINES AND CAREERS

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(SWITCH TO SCREEN VERSION)

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1 Career Resources

- The department's Employment Opportunities Web Page
- The Florida Tech Career Services Office
- Computing Curricula 2005: The Overview Report
- The ACM Career Resource Center
- The IEEE Career Service Center
- The Sloan Career Cornerstone Center/Computer Science
- The Bureau of Labor Statistic's Occupational Outlook Handbook
- Occupational Outlook Handbook [Computer Science]
- Occupational Outlook Handbook [Computer Programmer]
- University of Washington: Why Choose Computer Science?
- Florida State University: Careers in Computer Science
- The Supply of Information Technology Workers in the United States

2 Professional Organizations

- Association for Computing Machinery (lead society for computer science)
- IEEE Computer Society (lead society for software engineering)
- Association for Information Systems (lead society for information systems)
- The Association for Women in Computing
- Upsilon Pi Epsilon (UPE) the Honor Society in Computer Science
- Computing Research Association
- British Computer Society
- American Society for Information Systems
- American Society for Quality
- Human Factors & Ergonomics Society

3 Professional Codes

- ACM Code of Ethics and Professional Conduct
- IEEE/CS Software Engineering Code of Ethics
- CSAB: Computer Science as a Profession
- The Florida Tech Responsible Use Policy for Information Technology
- The Florida Tech Computer Science Honor Code

4 Computing News

- Slashdot

5 Artificial Intelligence

- CYC
- MIT Artificial Intelligence Lab

6 Business and Management

- Computer Personnel Research (SIGCPR)
- Electronic Commerce (SIGecom)
- Management Information Systems (SIGMIS)
- American Marketing Association
- American Management Association

7 Computer Graphics and Games

- Computer Graphics and Interactive Systems (SIGGRAPH)
- Multimedia (SIGMM)
- TOG Software Tools
- Game Developers Conference
- MIT Media Lab
- Digipen

8 Computing and the Law

- Computer Law Association
- American Bar Association
- Computer Professionals for Social Responsibility
- Electronic Frontier Foundation

9 Computer Consultants

- Software Support Professionals Association
- Association of Support Professionals
- Gerald Weinberg's site for training consultants
- Independent Computer Consultants Association

10 Employers

- AT & T
- The Boeing Company
- Cadence
- Cisco Systems
- Citibank
- Computer Sciences Raytheon
- Entertainment Arts
- Dictaphone
- Digital Equipment Corporation
- Disney
- Harris Corporation
- IBM
- J.D. Edwards Company
- Lockheed-Martin
- Lucent Technologies

- Microsoft
- Motorola
- National Instruments
- NASA
- Northrop-Grumman
- Oracle
- Pixar
- Rational Software
- Rockwell-Collins
- SAIC
- Siemens
- Sun Microsystems
- Texas Instruments
- United Space Alliance
- Verizon

11 Open Source and Free Software Sites

- Free Software Foundation
- Source Forge
- The Open Source Initiative

12 Operating Systems

- Linux
- Operating Systems (SIGOPS)
- Unix help

13 Programming Languages

- Programming Languages (SIGPLAN)
- Programming Language Research
- Cetus Links: Object-Oriented Topics
- Javasoft
- Java Lobby
- Java Ranch

14 Web Technology, Networks, and Distributed Computing

- The World Wide Web Consortium
- The Internet Engineering Task Force
- Mobility of Systems, Users, Data and Computing (SIGMOBILE)
- Hypertext, Hypermedia and Web (SIGWEB)
- Data Communication (SIGCOMM)
- Knowledge Discovery in Data (SIGKDD)
- IEEE/CS Distributed Computing