

Computer Science

Sample Occupations

COMPUTER OPERATIONS

Computer Hardware/
Software Engineer
Computer Operator
Database Manager/
Administrator
Data Entry Operator
Operations Manager

DESIGN & MANUFACTURING, ENGINEERING

Coder
CAD
Computer Applications
Engineers
Computer Research
Scientist
Computer Systems Analyst
Consultant
Course Instructor
Drafter
Document Management
Specialist
Electrical Engineer
Engineering Technicians
Ergonomics (Human
Factors)
Fabricator
Graphics Designers
Hardware Engineer
Industrial Engineer
Line Supervisor
Manufacturing Engineer

Manufacturing Production
Technicians
Mechanical Engineer
Network Analyst
Planning Manager
Production Manager
R & D Manager
Software Engineer
Software Quality Assurance
Engineer/Tester
Systems Engineer
Technical Writer
Telecommunications
Specialist
Usability Specialist
Webmaster

INFORMATION MANAGEMENT

Computer Software
Engineers
Data Communications
Analyst
Director, Data Processing
MIS Director
Manager, Database
Network Administrator

INSTRUCTIONAL DESIGN/EDUCATION

Educational Media
Technician
Instructional Designers &
Technologists
Secondary Education Teacher
University Professor

PROGRAMMERS AND ANALYSTS

Computer Scientist
Computer Support Specialists
Data Base Administrators
Operations
Operations Research Analyst
Programmer
Scientific Research
Software Designer
Software Engineer
Software Quality Assurance
Engineers
Systems Analysts
Systems Designer
Systems Support
Web Developer

SALES, MARKETING, AND RETAILING

Account Executive
Business Owner
Comp. Sales/Mktg. Rep
Customer Support Rep
Equipment Dealer
Marketing Analyst
Marketing Researcher
Operations Manager
Product Manager
Retail Store Manager
Sales Associate
Sales/Marketing Engineer
Sales Marketing Manager
Systems Engineer
Technical Writer

SECURITY

Computer Security
Investigators
Info Security Managers

SERVICE, MAINTENANCE & INSTALLATION

Data Processing Equipment
Repairers
Field Service Technician
Office Machine Repairers
Technical Specialist
Telecommunication
Equipment Installers &
Repairers

WORD AND DATA PROCESSING

Auxiliary Equipment
Operator
Communications Specialist
Computer Operations/
Manager
Librarian

Sample Work Settings

Architecture/Design
Arts/Entertainment
Banks
Colleges & Universities
Computer Consulting Firms
Computer Corporations
(Hardware/Software Mfrs
or Vendors)
Data Processing Firms
Elementary & Secondary
Schools

Engineering Firms
Industry Private Sector
Hospitals
Financial Firms
Insurance Companies
Local/ State Govt.
Manufacturing Firms
Marketing Research Depts. &
Firms
Medicine

Professional & Technical
Journals
Publishing/Communications
Research & Development
Firms
Test Development
Corporations
Transportation
Utilities Companies
Weather Bureaus

FEDERAL GOVERNMENT AGENCIES

Central Intelligence Agency
Department of Commerce
Department of Defense
Department of Energy
Department of Health &
Human Services
FBI
Internal Revenue Service
National Security Agency
Veterans Affairs

Sample Career Center Library Resources

Career Opportunities in the Internet, Video Games, and Multimedia..... IIB 27-1014 T3
Careers in Computers.....IIB 15-1000 S7
Careers for Computer Buffs & Other Tech. Types ...IIA CF C6
Careers for Cybersurfers & Other Online Types.....IIA CF C9
Careers for Number Crunchers and Other Quantative Types..... IIA CF N8
Careers in High Tech..... IIB 17-2000 B25

Careers in Science..... IIB 19-0000 E2
Careers in Information TechnologyIIB 15-1000 W4
Opportunities in Computer MaintenanceIIB 49-2011 K3
Opportunities in Computer Careers IIB 15-1000 K55
Opportunities in Data & Word Processing IIB 43-9022 M81
Top 100 Computer and Technical CareersIIB 15-1000 F3
Vault Guide to The Top Tech Employers..... VIB 5 P3

For POSSIBLE electronic format for these or other related resources, use the FSU Libraries Catalog at lib.fsu.edu; select Advanced search: Keywords Anywhere = vocational and Title Keywords = type a specific career area (think of alternate terms to describe your career in case one doesn't give results).

** Please ask a career advisor for help in identifying resources for the occupations. Note that some of these options may require an advanced degree.**

Other Sources of Information

Choices Planner
www.flchoices.org

eDISCOVER
www.act.org/discover/login
(Obtain a User ID from a career advisor)

Encyclopedia of Careers & Voc. Guidance
IIA E6 v. 1-5

Occupational Outlook Handbook
www.bls.gov/oco

O*NET
www.onetcenter.org

SIGI 3
www.career.fsu.edu/sigi
(Obtain a User ID from a career advisor)

Sample Professional Organizations

Association for Computing Machinery
New York, NY0
www.acm.org

Association for Computer Operations
Management
Orange, CA
www.afcom.com

Association of Information Technology
Professionals
Chicago, IL
www.aitp.org

International High Technology Crime
Investigation Association
Roseville, CA
www.htcia.org

International Information Systems
Forensics Association
Conyers, GA
www.iisfa.org

Information Systems Audit and
Control Association (ISACA)
Rolling Meadows, IL
www.isaca.org

Institute of Electrical and Electronics
Engineers (IEEE)
www.computer.org

TechServe Alliance
www.techservealliance.org

Women In Technology International
Sherman Oaks, CA
www.witi.com

For other related professional organizations, go to FSU Libraries at lib.fsu.edu; select Database A-Z list; select Gale Databases; choose Associations Unlimited.

Sample Web Sites

Dice.com
www.dice.com

FSU Computer Science
www.cs.fsu.edu

Other Resources

Check for registered student organizations that will help you explore your major

union.fsu.edu/sac/sos; select Search FSU Groups

Check for volunteer opportunities that will help you explore your major

thecenter.fsu.edu/students.html

Available in alternative format upon request.

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