

**What can I do with a major in  
“Computer Science”?**  
**The University of Georgia Career Center**  
Clark Howell Hall, 706-542-3375, [www.career.uga.edu](http://www.career.uga.edu)  
Department of Computer Science, [www.cs.uga.edu](http://www.cs.uga.edu)



*This information describes typical occupations and employment settings associated with this major. Understand some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.*

### **Description of Computer Science**

Computer Science deals with the logical and mathematical foundations of computing and how to implement problem solutions as programs in a computer language. The computer science curriculum covers the design principles of key computing technologies such as hardware, operating systems, database systems, networks, graphics, and artificial intelligence. Mathematical reasoning is emphasized throughout the program. This major prepares its graduates to provide technical support for computer operations and to develop new computer hardware and software systems. With this major, students can look forward to working with major computer manufacturers, software development corporations, the communications industry and consulting firms.

### **Research Careers**

O\*NET <http://online.onetcenter.org> (Click on Find Occupations)

Occupational Outlook Handbook <http://www.bls.gov/oco> (Type in general term for career of interest)

Georgia Career Information Center <http://www.gcic.peachnet.edu> (Accessible only on campus computers)

Alberta Occupational Profiles [www.alis.gov.ab.ca/occinfo/frameset.asp](http://www.alis.gov.ab.ca/occinfo/frameset.asp) (Click on Occupational Title Search)

\*Please visit the Career Center Library or your Career Consultant for more information or assistance.

### **Possible Job Titles of Computer Science Graduates**

(\*Jobs secured as reported by UGA Career Center post-graduate survey)

Analyst*	Market Research Analyst	Software Engineer*
Applications Research Programmer*	Mathematician*	Special Effects (FX) Specialist
Associate Computer Consultant*	Network Engineer*	SQL Database Administrator
CAD/CAM Designer	PeopleSoft Administrator	Systems Administrator/Analyst*
Computer Scientist*	Programmer*	Systems Engineer*
Consultant*	Professor*	Technical Writer
Database Administrator*	Project Manager*	Unix Administrator
Developer Support Engineer*	Quality Control Supervisor	VoIP Engineer
eCommerce Developer	Risk Analyst	Web Developer/Designer*
Educational Programs Specialist*	Security Engineer	Wireless Developer
Java/ J2EE Developer*		

### **Possible Employers of Computer Science Graduates**

(\*Jobs secured as reported by UGA Career Center post-graduate survey)

Accenture *	Google*	Professional/Technical Journals
Amazon*	Hewitt Associates*	Research and Development Firms
Athens Microcomputer*	Home Depot*	Siemens*
AT&T*	HostMySite.com*	Treasury Department
Bloomberg LP*	IBM*	United Parcel Service*
Cerner Corporation*	Insurance Companies	US Air Force
CISCO Systems*	Intel	US Defense Department
Consumer Affairs Commission	Investment Firms	Ventyx*
Digital Insight*	Lockheed Credit Union*	Verizon
Disney Animation	Microsoft	Wipro*
EMC*	National Science Foundation	Worldspan*
Engineering Firms	NCR Corp.*	Yahoo!
Fleetcor*	Oracle Computers*	
Ford Motor Company*	Power Plan Consultants*	

### **Career Center Library Resources**

*Great Jobs for Computer Science Majors*

*Vault Career Guide to Consulting*

*Vault Guide to Technology Careers*  
*Vault Guide to the Top 25 Tech Consulting Firms*  
*Vault Guide to the Top Internet Industry Employers*  
*Vault Guide to the Top Government & Nonprofit Employers*  
*Vault Guide to the Top Tech Employers*

### **Campus Resources**

**Department of Computer Science** - [www.cs.uga.edu/](http://www.cs.uga.edu/)

**Clubs & Organizations-**  
**UGA Student Association of Computing Machinery**

### **Employment Websites**

**UGA DAWGlink (career.uga.edu)**- <https://uga-csm.symplicity.com/students/index.php>

**Business Software Alliance**- [www.bsa.org](http://www.bsa.org)

**Computerworld**- [www.computerworld.com](http://www.computerworld.com)

**E-Commerce Times**- [www.ecommercetimes.com](http://www.ecommercetimes.com)

**Entertainment Software Association**- [www.theesa.com](http://www.theesa.com)

**Forrester Research**- [www.forrester.com](http://www.forrester.com)

**Gartner Group**- [www.gartner.com](http://www.gartner.com)

**Government Computer News**- [www.gcn.com](http://www.gcn.com)

**InformationWeek**- [www.informationweek.com](http://www.informationweek.com)

**InternetNews -ISP News**- <http://www.internetnews.com/>

**ISP Planet**- [www.isp-planet.com](http://www.isp-planet.com)

**IT World**- [www.itworld.com](http://www.itworld.com)

**Mass Technology Leadership Council**- [www.masstlc.org](http://www.masstlc.org)

**PC Magazine**- [www.pcmag.com](http://www.pcmag.com)

**Software & Information Industry Association**- [www.siia.net](http://www.siia.net)

### **Additional Resources**

**Association for Computing Machinery** - [www.acm.org](http://www.acm.org)

**Association for Information Systems** - [www.aisnet.org](http://www.aisnet.org)

**Association for Women in Computing** - [www.awc-hq.org/](http://www.awc-hq.org/)

**Computer Software/Systems Jobs** - [www.nationjob.com/computers](http://www.nationjob.com/computers)

**Institute for the Certification of Computer Professionals** - [www.iccp.org/](http://www.iccp.org/)

**Internet Society** - [www.isoc.org](http://www.isoc.org)

**Technology Professional Job Search** - [www.dice.com](http://www.dice.com)

**The Vault, Online Career Library** - [www.vault.com](http://www.vault.com) (access through [www.career.uga.edu](http://www.career.uga.edu))