The Career Center at Loyola University Maryland

Computer Science

What can I do with this major?

Print Resources

(All Available in the Career Resource Library in The Career Center)

Great Jobs for Computer Science Majors
(CS Category)

Careers for Cyber Surfers
(CS Category)

Opportunities in Aerospace Careers
(CS Category)

How to Get any Job with Any Major
(CP Section)

Quick Guide to College Majors and Careers
(CP Section)

I'm a Graduate, Now What?
(Grad Section)

Graduate Programs: Engineering & Applied Sciences
(Grad Section)

How to Write a Winning Personal Statement for Graduate and Professional School
(Grad Section)

Getting from College to Career
(Post Grad Section)

Overview Of Major

The study of computer science combines an up-to-date curriculum with state-of-the art facilities. A few specialties within it are robotics, game development, social network infrastructures, simulation, and data mining.

COMPUTER SCIENCE DEPARTMENT SITE:
www.loyola.edu/academic/computerscience.aspx

COURSE CATALOGUE:
www.catalogue.loyola.edu/CATALOGUES/CURRENT/UNDERGRADUATE/ARTSANDSCI/COMPSCI.HTML#PAGELINK1

ACADEMIC ADVISING AND SUPPORT CENTER:
www.loyola.edu/department/aasc.aspx

Potential Job Titles

- ◊ Application Analyst
- ◊ Ratings Associate
- ◊ Software Developer
- ◊ Teacher
- ◊ Quality Assurance Analyst
- ◊ Desktop Analyst
- ◊ System Integration Analyst Associate
- ◊ Network Engineer
- ◊ Consultant
- ◊ Software Engineer
- ◊ Technical Support Manager
- ◊ Editorial Design Assistant
- ◊ Senior Consultant
- ◊ Computer and Information Scientist
- ◊ Computer Programmer
- ◊ Computer Systems Analyst
- ◊ Database Administrator
- ◊ Mathematician

Where Can I Get An Internship?

- ◊ RDA Corp
- ◊ Philadelphia Insurance Companies
- ◊ Entertainment Software
- ◊ COCC
- ◊ Webloyalty
- ◊ Omni Group, The
- ◊ Aberdeen Test Center
- ◊ Computer Sciences Corporation
- ◊ Johns Hopkins University
- ◊ NIST
- ◊ Lucent Technologies
- ◊ Raytheon Company
- ◊ Digital Storage Solutions, Inc.
- ◊ Bechtel Corporation
- ◊ General Dynamics Advanced Info. Systems
- ◊ Jeppesen Sanderson, Inc.

Sample Web Resources

Association for Computing Machinery

computingcareers.acm.org

Data Management International

www.dama.org

Institute of Electrical and Electronics Engineers

www.computer.org

Institute for Certification of Computing Professionals

www.iccp.org

League of Professional System Administrators

www.lopsa.org

National Workforce Center for Emerging Technologies

www.nwcet.org

Possible Career Fields

Programming

Systems ◊ Scientific Applications ◊ Business Applications
Maintenace ◊ Project Management

Systems Development

Analysis ◊ Design ◊ Support ◊ Quality Assurance
Specialty Systems

Network Technology

Installation & Maintenance ◊ Administration

Internet

Programming ◊ Software Design ◊ Systems Analysis
Hardware Production ◊ Web Page design

Consulting

System Installation ◊ System Implementation ◊ Training

Education

Teaching ◊ Instructional Technology

Non-Technical

Customer/Product Support ◊ Technical Writing ◊ Sales ◊ Marketing

Sample graduate programs pursued by Computer Science majors:

◊ MS, Computer Science

◊ PhD, Computer Science

◊ MIS, Management Information Systems

◊ MS, Computer Information Systems

◊ MS, Security Management

◊ MS, Information Assurance

◊ PhD, Information Science & Technology

◊ MS, Software Management

Possible Work Settings

Online Service Providers ◊ Computer/ Equipment Vendors
Large Businesses ◊ Public/Private Schools ◊ Software Vendors
Retail Stores ◊ Software/Hardware Manufacturers ◊ Banks
Government Agencies ◊ Management Consulting Firms
Research Laboratories ◊ Insurance Companies

Important Skills & Abilities

Programming Languages ◊ Interpersonal
Leadership ◊ Detail Oriented ◊ Computer ◊ Analytical
Problem Solving ◊ Communication ◊ Team Player

Contact The Career Center:

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Website:
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