



COMPUTER SCIENCE

Computer scientists design and develop new software and hardware systems and modify and improve existing systems. They balance computing theory with applications, research, and invention with solutions to practical problems. They work in industry and academia, for private companies and the government, with other computer scientists, and on multidisciplinary teams.

The Drexel program in computer science offers extensive exposure to a variety of programming paradigms and languages, practice in the discipline of software engineering, a survey of the various sub-disciplines of computer science (databases, artificial intelligence, numerical computation, data structures and algorithms, operating systems, graphics, human-computer interaction), and training in analytical and mathematical methods. In addition to the courses of the major, the program emphasizes foundation courses in the sciences and in applied mathematics, leading to careers involving applications in science and engineering. The Bachelor of Arts degree emphasizes foundation courses in the humanities and the social sciences, leading to careers involving applications in those areas.

The department currently offers BS, BA, and MS and PhD degrees in computer science. There is also a joint BS/MS program which offers academically qualified students an opportunity to complete both degrees in five years.

Students wanting specific information about the major are encouraged to stop by the Office of Student Services at the College of Engineering at University Crossings, Suite 100, call 215-895-2669, or visit their website at www.cs.drexel.edu.

Employers who have hired Drexel students include:

Razorfish
Children's Hospital of Philadelphia
City of Philadelphia
Comcast Corporation
GlaxoSmithKline
Google
Lockheed Martin
Microsoft Corporation
Siemens
Sunoco
Unisys
University of Pennsylvania

JOB TITLES

Database Analyst
Computer Scientist
Developer
IT Specialist
Researcher

Network Systems Services Technician
Securities Specialist
Technical Analyst
Web Designer
Computer Programmer

Please refer to the SCDC website (www.drexel.edu/scdc) for our most recent co-op salary information.

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Association for Computing Machinery

www.acm.org/

Computerworld Jobs

www.itjobs.computerworld.com/a/all-jobs/list

Developers.net

www.developers.net/

IEEE Computer Society

www.computer.org

Internet Society

www.isoc.org

**National Workforce Center for
Emerging Technologies**

www.nwcet.org

CAREER RESOURCES

Steinbright Career Development Center

Pre-Professional Advising (Prelaw, Prehealth)

www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html

Writing Your Resume

www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html

Interviewing

www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html

Workshop Calendar

www.drexel.edu/scdc/events/workshops/coop-workshops.html

DREXEL DEPARTMENTS

Career Services Library

Careers Collection

Hagerty Library

33rd and Market Streets, Room 136

215-895-6843

www.library.drexel.edu/services/refcareers.html

**Civil, Architectural & Environmental
Engineering Department**

3141 Chestnut Street

Curtis Hall, Room 251

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