

SOFTWARE ENGINEERING

The major in software engineering degree is a multidisciplinary degree. The program, drawing on the strengths of existing Drexel programs in computer science and information systems, provides a curriculum that encompasses behavioral, managerial and technical aspects of software engineering and attempts to synthesize disciplinary paradigms and themes.

Advances in information technology have captured the public imagination and had tremendous economic and social impact over the last 50 years. These advances offer great benefit, but have also created a great need for highly dependable systems developed at predictable cost. Unfortunately, it has become increasingly clear that our ability to produce the software for these systems in a way that meets cost and quality requirements is quite limited. Software engineering can be defined as the application of processes, methods, and tools to the problem of building and maintaining computer software with a defined level of quality, at a predictable cost, on a predictable schedule.

Students wanting specific information about the major are encouraged to stop by the department office at room 306 of the Rush Building, call the department at 215.895.2474 or visit their website at cci.drexel.edu.

Employers Who Have Hired Drexel Students Include:

Bentley Systems, Inc.
Cisco Systems
Comcast Corporation
IBM
Lockheed Martin
Northrop Grumman
PJM Interconnection
SAP America
Siemens
Sungard
Susquehanna International Group
Teradata
Thomson Reuters
UNISYS Corporation

JOB TITLES

Associate Programmer
Database Engineer
Game Developer
Java Developer

Mobile and Web Application Developer
Quality Assurance Analyst
Software Architect
User Experience Associate

Please refer to drexel.edu/scdc for our most recent co-op salary information.

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Association for Computing Machinery
acm.org

American Association of Engineering Societies
aaes.org

Developers.net
developers.net

Institute for Electrical and Electronics Engineers
ieee.org

National Society of Black Engineers
nsbe.org

Society of Women Engineers
swe.org

SoftwareEngineer.com
softwareengineer.com

CAREER RESOURCES

Resume, Interviewing and Job Search Best Practices
drexel.edu/scdc/professional-pointers

Workshop Calendar
drexel.edu/scdc/calendars-events/workshops

DREXEL DEPARTMENTS

College of Computing and Informatics
Rush Building
30 N. 33rd Street
cci.drexel.edu

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
www.library.drexel.edu/guides/careers