SOFTWARE ENGINEERING

The major in software engineering offers 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 have 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 a 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.

Employers Who Have Hired Drexel Students Include:
Bentley Systems, Inc.   Comcast Corporation   IBM   JPMorgan Chase & Co   Lockheed Martin   Oracle Primavera   PJM Interconnection   SAP America   Siemens   SunGard   Susquehanna International Group   Thomson Reuters   UNISYS Corporation

Students interested in 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 **drexel.edu/cci**.

JOB TITLES

Associate Programmer	Mobile and Web Application Developer
Database Engineer	Quality Assurance Analyst
Game Developer	Software Architect
Java Developer	User Experience Associate

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

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Association for Computing Machinery
acm.org

National Society of Black Engineers
nsbe.org

American Association of Engineering Societies
aaes.org

Society of Women Engineers
swe.org

SoftwareEngineer.com
softwareengineer.com

Institute for Electrical and Electronics Engineers
ieee.org

CAREER RESOURCES

Résumé, 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, Room 306
215.895.2474
drexel.edu/cci

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