Focus on Careers:

**COMPUTER SCIENCE**

Computer Science graduate study at Brandeis allows for research in core areas including databases, programming languages, artificial intelligence, data compression, human computer interaction, and collaborative technology, as well as network, distribute, and parallel computing. Graduates are easily able to adapt to new technologies and innovations. The Computer Science program provides students with strong foundations in three fundamental areas: designing and building software, developing effective ways to solve computing problems, and devising new and better ways of using computers to address challenges. Graduates are employed in a wide variety of settings ranging from software companies, government, health care, and finance.

**POSSIBLE AREAS OF EMPLOYMENT**

Artificial intelligence
Education
Engineering
Financial institutions
Government
Entrepreneurship
Information technology

Security
Medical informatics
Robotics
Entertainment
Software companies
Technology manufacturers
Telecommunications

**EMPLOYABILITY SKILLS**

- Analytical problem solving
- Deriving innovative solutions to unique problems
- Collaborating on research with others
- Understanding processes used for computation
- Organization of computer programs and operations
- Data structure management

**ADDITIONAL RESOURCES**

To learn more about the field and career options in Computer Science, please visit:

- Institute of Electrical and Electronics Engineers Computer Society
  [computer.org](http://computer.org)
- Association for Computing Machinery
  [acm.org](http://acm.org)
- American Association for Artificial Intelligence
  [aaai.org](http://aaai.org)

- Computing Research Association [cra.org/for-students](http://cra.org/for-students)
- Mass Tech Hub [masstechhub.org](http://masstechhub.org)
- Massachusetts Technology Leadership Council Internship Database [masstlc.org](http://masstlc.org)

**BEYOND BRANDEIS**

GSAS alumni have gone on to a variety of careers including:

- Director of User Experience – ACT.md
- Principal Software Engineer – MITRE Corporation
- Software Engineer – Google
- Human Factors & User Experience Specialist – Healthcare Human Factors
- Software Engineer – Waters Corporation
- Senior Research Scientist – Pearson North America
- Software Engineer – Brightcove
- Professor – Carnegie Mellon
- Senior Scientist – Pandora
- Database Architect – Mozilla Corporation
- Database Architect – Mozilla Corporation

The Graduate School of Arts and Sciences’ Career Services office helps you explore career options and acquire job-search skills while at Brandeis and as you prepare to enter the workforce.