

MIT Engineering Majors Guide

Electrical Engineering and Computer Science (Course 6)

Skill Set

- Knowledge and experience with computer systems and technologies
- Problem solving and analysis skills
- Develop and design of products and systems
- Ability to keep up with rapid changes in technology

Industry Occupations

Computer Hardware	Telecommunications	Electrical & Electronic Equipment Manufacturers
Government Agencies	Data Processing Services	Industrial Machinery Manufacturers
Computer Manufacturers	Artificial Intelligence	Professional & Scientific Instruments
IT Consultant	Software Development	

Careers of Computer Science and Electrical Engineering Alumni

- Design Engineer, LSI Logic Corp.
- Senior Software Engineer, Verbind Inc.
- Executive Vice President of R&D & Cofounder, Ascent Technology Inc
- Test Engineer, Teradyne Inc
- Managing Director, Advent International
- Vice President of Engineering, Navimedix Inc
- Strategic Marketing Manager, Visible Markets Inc
- Software Design Engineer, Microsoft
- Product Analyst, Oracle
- Developer, Tenfold
- System Engineer, Qualcomm-
- Verification Engineer, Hewlett Packard

To contact alumni in your area of interest, check out the ICAN network at <http://alum.mit.edu/cs/ican/index.html>

Internships

Programs at MIT

- IVA Internship Program <http://www-eecs.mit.edu/via/index.html>
- Undergraduate Practice Opportunities Program <http://web.mit.edu/engineering/upop/>

Jobs and Internships During and After MIT

Monstertrak - On Campus Recruiting <http://www.monstertrak.com>

Companies who recruit EECS Majors

IBM	Apple Computer	Michelin
Hewlett Packard	Oracle	IGEN
Schlumberger	Microsoft	AT &T Labs
Motorola	Lucent Technologies	Gillette
Texas Instruments	Sapient	Dell Computer
Sun Microsystems	Analog Devices	Tenfold Corp.
Novell Inc.	Cisco Systems	

Career and Job Search Internet Resources

[Computer Jobs Store](http://www.computerjobs.com/) <http://www.computerjobs.com/>
[ComputerWork.com](http://www.computerwork.com/) <http://www.computerwork.com/>
[Computers & IT Jobs Page](http://www.nationjob.com/computers) <http://www.nationjob.com/computers>
Job Search For Technology Professionals <http://www.dice.com>
[IT Careers](http://www.itcareers.com) <http://www.itcareers.com>
[ITtalent.com](http://www.ittalent.com/)<http://www.ittalent.com/>
[Jobs for Electrical Engineers](http://www.engcen.com/elecjobs.htm) <http://www.engcen.com/elecjobs.htm>
Mass. Software Industry <http://www.swcouncil.org>
[Techjobbank](http://www.techjobbank.com/) <http://www.techjobbank.com/>

Salary Information

MIT Salary Survey, <http://web.mit.edu/career/www/infostats/>

Professional Associations

Association for Computing Machinery <http://www.acm.org>
Institute of Electrical and Electronics Engineers, Inc (IEEE) <http://www.ieee.org/>
Institute of Electrical Engineering at MIT (IEEE) <http://web.mit.edu/ieee/www>
Eta Kappa Nu, National Electrical Eng. & Computer Science Honor Society <http://hkn.mit.edu/>

Optical Society of America <http://www.osa.org>
Computing Research Association <http://www.cra.org>

Departmental Homepage

MIT Department of Computer Science and Electrical Engineering <http://www-eeecs.mit.edu/>

Next Steps

Explore other career engineering majors guides located at <http://web.mit.edu/career/www/Engineering/guides.htm>.

Network with current students, alumni /nae in your area of interest.

Visit the MIT Careers Office to schedule an appointment with a counselor in the School of Engineering to discuss career choices.