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- M.S. in Electrical Engineering
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Sample Resumes
Interview Questions
Companies That Hire This Major

Go to Jobmine and click on the Document Library link!

INTERNERNSHIP OPPORTUNITIES

Job Mine has hundreds of internship postings, log into your account today, www.utep.edu/careers.

**IBM Co-op and Intern Program**
http://www-03.ibm.com/employment/?lnk=mca

**Raytheon Internship and Co-op Jobs**
http://jobs.raytheon.com/career-paths/campus-recruiting?campus

**Boeing Internships**
http://www.boeing.com/careers/

**GE Internships and Co-ops**
https://talent.gecareers.com/university

**Microsoft Internships**

**Exxon Mobil Internships and Co-ops**
NSA  
https://www.nsa.gov/careers/

NPS  
http://www.nps.gov/findapark/index.htm

Sandia National Labs  
http://www.sandia.gov/careers/students_postdocs/index.html

Apple  

Fermilab/SIST  
http://sist.fnal.gov/

Honda  

Lockheed Martin Internships and Co-ops  
http://lockheedmartinjobs.com/college-students.aspx

WISE – Internship  

Texas Intruments  
https://careers.ti.com/search-jobs/?job-type=Intern

INROADS  
https://inroads.org/

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**UTEP STUDENT ORGANIZATIONS**

Institute of Electrical and Electronics Engineers (IEEE)  
http://engineering.utep.edu/ieee/

American Society for Engineering Education (ASEE)  
http://www.asee.org/

Engineering Student Leadership Council (ESLC)  
https://minetracker.utep.edu/organization/eslc

Association for Computing Machinery (ACM)  
http://acmutep.wordpress.com/tag/volunteers/

National Society of Black Engineers (NSBE)  
http://organizations.utep.edu/Default.aspx?alias=organizations.utep.edu/NSBE
Latinos in Science and Engineering (MAES) / Society of Hispanic Professional Engineers (SHPE)
http://organizations.utep.edu/Default.aspx?alias=organizations.utep.edu/maesshpe

Society of Women Engineers (SWE)
http://engineering.utep.edu/swe/SWE/Home.html

Eta Kappa Nu (HKN)
http://www.hkn.org/index.asp

Tau Beta Pi (TBP)
http://www.tbp.org/home.cfm

Biomedical Engineering Society (BMES)
http://www.bmes.org/

PROFESSIONAL ORGANIZATIONS

Institute of Electrical and Electronics Engineers (IEEE)
http://www.ieee.org/

National Society of Black Engineers (NSBE)
http://www.nsbe.org/

Society of Women Engineers (SWE)
http://societyofwomenengineers.swe.org/

Eta Kappa Nu (HKN)
http://www.hkn.org/

Tau Beta Pi (TBP)
http://www.tbp.org/

Biomedical Engineering Society (BMES)
https://www.bmes.org/

ONLINE RESOURCES

All Electronics
http://www.allelectronics.com/
Computer Guides - How To
http://pcnineoneone.com/howto/

Computer Hardware
http://cnx.org/content/m15039/latest/

Computer Hardware - Wikipedia
http://en.wikipedia.org/wiki/Computer_hardware

Computer Hardware - Webopedia
http://www.webopedia.com/TERM/H/hardware.htm

Computer Manufacturing - Inside Intel
http://www.intel.com/about/corporateresponsibility/education/index.htm

Computers - How Stuff Works
http://computer.howstuffworks.com/

Motherboard Basics
http://www.pctechguide.com/motherboards

Digital Logic Circuits
http://www.jhu.edu/~virtlab/logic/log_cir.htm

DSL - How It Works
http://www.howstuffworks.com/dsl.htm

Electric Circuits
http://www.allaboutcircuits.com/vol_1/chpt_1/3.html

Electrical Associations
http://www.electric-find.com/associations/associations.htm

Electrical Contractor Licensing Boards
http://www.electric-find.com/license.htm

Electrical Organizations
http://www.ieee.org/societies_communities/index.html

Electronic Components and Equipment
http://futurlec.com/

Embedded Computer Technologies

Fiber Optics
http://en.wikipedia.org/wiki/Optical_fiber
Hard Disks – PC Tech Guide
http://www.pctechguide.com/hard-disks

High Speed Communication Circuits
http://www.ice.rwth-aachen.de/publications/publications-detail/bib/Dawid94ISCAS/

How a Microprocessor Works
http://www.howstuffworks.com/microprocessor.htm

Microelectronic Devices and Circuits

Electrical Careers and Resources Links
http://www.khake.com/page18.html

WebEE - Electrical Engineering Resources
http://electronicdesign.com/

Electrical Engineer Salary Outlook
http://www.engineersalary.com/Electrical.asp

Electrical Engineering: The Princeton Review
http://www.princetonreview.com/

Introduction to Electric Circuits

MAJOR RELATED JOB SITES

Careers in Energy and Power
http://www.khake.com/page49.html

Careers in Lighting
http://www.ncdlp.org/careers/index.html

Communication and Equipment Mechanics

Electric Power Plant Operators
http://www.bls.gov/ooh/Production/Power-plant-operators-distributors-and-dispatchers.htm

Electrical Engineer Career
http://www.ieeeusa.org/careers/#careerpubs

Find out about work areas, types of employers, and employment information and strategies.
Visit our website for complete information:
http://whatcanidowiththismajor.com/major/
Electrical Engineering - Career Corner
http://www.careercornerstone.org/eleceng/eleceng.htm

Electrical Engineering - Try Engineering
http://www.tryengineering.org/explore.php

Electronic Engineering Technician
http://www.onetonline.org/link/summary/17-3023.01

Elevator Installers and Repairers
http://www.iseek.org/

Engineering Careers
http://www.khake.com/page53.html

Entrepreneur - Start Your Own Business
http://www.khake.com/page31.html

Stationary Engineers
http://www.onetonline.org/link/summary/51-8021.00

Lighting Engineer
http://hiring.monster.com/

Power Engineer

Robotics Technologist
http://www.robotictechnologyinc.com/

Special Effects Specialist
www.fxsupply.com/features/careers.html

Apprenticeships
http://www.khake.com/page58.html

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WHAT CAN I DO WITH THIS MAJOR?

- Acoustics, Speech and Signal Processing
- Aerospace and Electronic Systems
- Antennas and Propagation
- Avionics Engineer
- Biomedical Engineer
- Broadcast Technology
- Chief Engineer
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• Circuits and Systems
• Components, Packaging and Manufacturing
• Computer Engineer
• Consumer Electronics
• Control Engineer
• Control Systems Engineer
• Design Engineer
• Development Engineer
• Dielectrics and Electrical Insulation
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• Electron Devices
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• Engineering Specialist
• Field Engineer
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• Global Telephony Engineer
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• Network Engineer
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• Product Applications Engineer
• Radar Systems Engineer
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• Reliability Instrument Engineer
• Research Engineer
• Robotics
• Rotating Equipment Electrical Engineer
• Software Engineer
• Start Up Engineer
• Systems Design Engineer
• Systems Engineer
• Technical Editor
• Telecommunications Engineer