Mechanical Engineering & Aerospace Science and Engineering

Companies

This list represents some of the companies where our students have received internships and career positions. You may be able to find opportunities by contacting these companies directly. Companies are listed by category so you can see which interest you in your field. Some companies belong to the multiple categories.

### Aerospace

**Aerospace Corporation**
- Aerospace

**Boeing**
- [http://www.boeing.com](http://www.boeing.com)
- Aerospace and defense

**Federal Aviation Administration**
- [http://www.faa.gov](http://www.faa.gov)
- Aerospace

**Goodrich**
- [http://www.goodrich.com](http://www.goodrich.com)
- Aerospace

**Jet Propulsion Laboratory**
- Aerospace

**NASA**
- [http://www.nasa.gov/](http://www.nasa.gov/)
- Aeronautics, exploration systems, science, space operations

**NASA Ames Research Center**
- [http://www.nasa.gov/centers/ames/home/index.html](http://www.nasa.gov/centers/ames/home/index.html)
- Aeronautics, exploration systems, science, space operations

**Pacific Design Technologies**
- [http://www.pd-tech.com/](http://www.pd-tech.com/)
- Cooling and heating for aerospace

**Pratt & Whitney**
- [http://www.pw.utc.com](http://www.pw.utc.com)
- Aerospace

**Space Systems Loral**
- Communication satellites, spacecraft systems

**United Airlines**
- [http://www.united.com/](http://www.united.com/)
- Flight engineering

**United States Air Force**
- [http://www.airforce.com/](http://www.airforce.com/)
- Air and space technology

**Washington Consultant Group**
- Aviation

### Analysis

**Air Force Flight Test Center**
- Testing and evaluation of aerospace systems

**Anamet, Inc.**
- [http://www.anametinc.com](http://www.anametinc.com)
- Failure analysis and forensic engineering

**Coretest Systems**
- [http://www.coretest.com](http://www.coretest.com)
- Core analysis, design and engineering

**Hill Engineering, LLC**
- [http://www.hill-engineering.com](http://www.hill-engineering.com)
- Fatigue and structure analysis

**Structural Integrity Associates**
- Failure analysis for the nuclear, fossil, and pipeline industries
Supplier Link Services
http://www.supplierlinkservices.com/
Engineering and inspection services

Automotive
BMW
http://www.bmwusa.com/
Automotive
General Motors
http://www.gm.com
Automakers
Honda R&D Americas
http://www.hondaresearch.com
Automotive engineering
Mercedes-Benz R & D North America, Inc.
http://www.mbrdna.com/
Automotive
Tesla Motors
http://www.teslamotors.com
Electric vehicles

Computing
Cisco
http://www.cisco.com
Networking
Google
http://www.google.com/about/jobs
Search engine
Hewlett-Packard Company
http://www.hp.com
Technology
Microsoft
www.microsoft.com
Software

Construction Consultants
Rudolph and Sletten
http://www.rsconstruction.com/
Building and construction industry
Silman Construction
http://silmanconstruction.com/
Construction and Manufacturing Services

Defense
Aerojet
http://www.aerojet.com
Aerospace and defense
BAE systems
http://www.baesystems.com
Global defense and security
Cobham Satcom
http://www.cobham.com
Aerospace and defense technology and systems
Department of the Navy
http://www.donhr.navy.mil
Navy and marine corps
Los Alamos National Laboratory
http://www.lanl.gov
National security research
Lockheed Martin
http://www.lockheedmartin.com
Global security, information technology
Lockheed Martin Aeronautics Company
http://www.lockheedmartin.com/aeronautics
Military aircraft
Lockheed Martin Space Systems Company
http://www.lockheedmartin.com/ssc
Space systems
NAVAIR
http://www.navair.navy.mil/
Naval aviation aircraft, weapons, and systems
Naval Surface Warfare Center
http://www.navsea.navy.mil/nswc/
Technical operations, ship and submarine systems
NAWCWD
http://www.navair.navy.mil/nawcwd/
Weapons and warfare systems

Northrop Grumman Corporation
http://www.northropgrumman.com/
Global security, aerospace, electronics, information systems

Rockwell Collins
http://www.rockwellcollins.com/
Aerospace and defense, aviation electronics systems

**Design**

Argyle Design
http://www.argyledesign.com
Museum exhibit design

Autodesk
http://usa.autodesk.com
Design software

C&D Zodiac Aerospace
http://www.cdzodiac.com
Aircraft interiors

ERG Aerospace
http://www.ergaerospace.com
Research, design, and manufacture materials

General Dynamics
http://www.generaldynamics.com/
Aerospace and Defense

Inergi Exhibit and Design
http://2010.inergi.com
Product engineering, industrial design, museum displays

Oliso Inc.
http://www.oliso.com/
Design products and technologies for use in daily life

Pacific Design Technologies
http://www.pd-tech.com/
Design and manufacture of sophisticated liquid cooling systems for defense and space applications

**Specialized**

www.specialized.com
Design of bicycles

THK America
http://www.thk.com/us/
Product development

**Electronics**

Azimuth
http://www.azimuthsemi.com
Semiconductor Assembly

Battery M.D., Inc.
http://www.batterymd.com
Battery testing; electric, hybrid and fuel cell vehicles

Delta T Engineering
http://www.deltatengineering.com
Electrical Preventive Maintenance

Gigoptix
http://www.gigoptix.com
Supplier of semiconductor and optical components

Wenzlau Engineering
http://www.wenzlau.com/
Mobile products, electronic systems

**Energy**

Air Liquide
http://www.us.airliquide.com/
Industrial gas supplier

CA Lighting Technology Center
http://cltc.ucdavis.edu/
Energy-efficient technologies

Chevron
http://www.chevron.com
Energy

ConSol
http://www.consolenergy.com
Energy, fuel production
Department of Energy
http://www.energy.gov
Energy efficiency and renewable energy

DOE: National Nuclear Security Administration
http://nnsa.energy.gov
Nuclear security

Fotowatio Renewable Ventures
http://www.frv.com
Solar power, photovoltaic and thermosolar technologies

Frontier Wind
http://www.frontierwind.com
Wind power, energy

General Electric
http://www.ge.com
Energy, health, transportation, infrastructure

Itron, Inc.
https://www.itron.com
Electric, gas, water

Lawrence Livermore National Laboratory
https://www.llnl.gov
Nuclear security, energy and environmental security

Noresco
http://www.noresco.com/
Energy efficiency and infrastructure services

Oorja Protonics
http://www.oorjaprotonics.com/
Liquid fuel cells

Pacific Gas & Electric Company
http://www.pge.com/
Energy

Schlumberger
http://www.slb.com/
Oilfield services provider, oil and gas

SolarCity
http://www.solarcity.com
Solar power

Southern California Edison
http://www.sce.com/
Electricity, renewable energy

Tenkiv System
http://tenkiv.com
Solar power

Tesoro Golden Eagle Refinery
http://www.tsocorp.com/TSOCORP/index.htm
Oil refinery

Venoco, Inc.
http://www.venocoinc.com/
Oil Drilling

Western Cooling Efficiency Center
http://wcec.ucdavis.edu/
Energy Efficiency

Westinghouse Electric Company
http://www.westinghousenuclear.com/
Nuclear technology, nuclear electric power

Wind Harvest International
http://www.windharvest.com
Wind energy

Environment

Brown and Caldwell
http://www.brownandcaldwell.com
Environmental science

California Energy Commission
http://www.energy.ca.gov
Environmental Stewardship

California EPA
http://www.calepa.ca.gov
Environmental science

Food Technologies

Anheuser-Busch
http://www.buschjobs.com/careers
Brewery Company

CellarPro Cooling Systems
http://www.cellarprocoolingsystems.com/
Wine cooling and storage

E&J Gallo
http://gallo.com
Winery

Heat and Control, Inc.
http://www.heatandcontrol.com
Food processing and packaging equipment

The Morning Star Company
http://www.morningstarco.com
Food industry

Infrastructure

AHMCT
http://www.ahmct.ucdavis.edu
Technology for highways and construction

GridSense
http://www.gridsense.com/
Grid automation

Union Pacific Railroad
http://www.up.com/
Transportation

Manufacturing

Allfast Fastening Systems
http://www.allfastinc.com
Riveting industry

DPR Construction
http://www.dpr.com
Technical builder

DMG Mori Seiki
http://www.dmgmori.seiki.usa.com
CNC machine tools and systems

Electroimpact
http://www.electroimpact.com
Aerospace tooling and automation

Holz Rubber Company, Inc.
http://www.holzrubber.com
Tire manufacturing

Mazak
https://www.mazak.com/

Schrillo Company, LLC
http://www.schrillo.com/
Precision manufacturing for aerospace industry

Silman Construction
http://silmanconstruction.com
Industrial and manufacturing solutions

Synder Filtration
http://synderfiltration.com/
Manufacturing industrial enzymes

Topcon Positioning
http://www.topconpositioning.com/
Positioning equipment development and manufacturing

Visicon
http://www.visicontech.com/
Medical device manufacturing

Medical

Johns Manville
http://www.jm.com
Insulation, roofing, engineered products

Kingspan Insulated Panels
http://www.kingspanpanels.us
Insulation, sustainability

SiGNA Chemistry
http://signachem.com/
Development of materials and processes involving stabilized reactive metals

Genentech
http://www.gene.com
Development of medical instrumentation, manufacturing, machining, automation

MAE – UC Davis 2015-2016 Page 5
Biotechnology

**Janssen Pharmaceuticals**
http://www.janssenpharmaceuticalsinc.com/
Pharmacy, Research

**Medtronic**
http://www.medtronic.com
Medical Devices and Technology

**Stanford Hospital and Clinics**
http://stanfordhospital.org/
Medical advances

**Stryker**
http://www.stryker.com
Medical technology

**Research**

**Eloret**
http://www.eloret.com
Research and engineering, primarily for NASA

**Electric Power Research Institute**
http://www.epri.com/About-Us/Pages/Our-Business.aspx
Electric Grid Research

**IMS-M Lab UC Davis**
http://ims.engr.ucdavis.edu/
Research

**Pacific Northwest National Laboratory**
www.pnl.gov
Government Research Laboratory

**Systems**

**ABB, Inc.**
www.abb.com
Power and automation technologies

**Advanced Propulsion Technologies**
http://www.propulsiontech.com
Engine technologies

**Barobo**
http://www.barobo.com/
Educational robots

**Cummins, Inc.**
http://www.cummins.com
Engines and related technologies

**Davis Energy Group**
http://www.davisenergy.com
Cooling and heating technology

**Esys**
http://www.esys.us
Automation and combustion control

**Gouvis Engineering**
http://www.gouvisgroup.com

**Facility Engineering Associates, P.C.**
http://www.feapc.com
Facility asset management

**Guttmann & Blaevoet Consulting Engineers**
http://www.gb-eng.com
Engineering services to architects

**Jacob’s Engineering**
http://www.jacobs.com/
Engineering Consultants

**HDR, Inc.**
http://www.hdrinc.com
Architecture, engineering, and consulting firm

**Pacific Scientific**
http://psemc.com/
Business Strategy and Management

**Services**

**Axiom Engineers**
http://www.axiomengineers.com
Mechanical engineering services

**CFM Equipment**
http://www.cfmequipment.com
Equipment distribution

**Enercon**
http://www.enercon.com

MAE – UC Davis 2015-2016 Page 6
Structural, mechanical, electrical and plumbing engineering

Moog CSA Engineering
http://www.csaengineering.com/
Vibration suppression, motion control, aerospace

Mustang Engineering
http://www.mustangeng.com
Engineering, design, automation

NS Wash Systems
http://www.nswash.com/
Vehicle wash systems

Technology

Brechtel Manufacturing
http://www.brechtel.com
Aerosol technology, vacuum technology

Bishop-Wisecarver
http://www.bwc.com
Linear actuators and linear motion system technologies

Coen Company
http://www.coen.com
Industrial burners and combustion systems

DriveSkills
http://www.driveskills.com/
Racing Simulation

Flowserve
http://www.flowserve.com
Pumps, valves, seals and components for process industries

Immersion Corporation
http://www.immersion.com
Touch-screen technology

MCP Industries, Inc.
http://www.mcpind.com
Instrumentation for industries

Pacific Scientific Energetic Materials Company
http://psemc.com/

Aerospace & defense, oil & gas, and security technologies

Solmetric
http://www.solmetric.com/
Sola, high precision test and measurement tools

Water

Carollo Engineers
http://www.carollo.com
Water-related engineering

Department of Water Resources
http://www.water.ca.gov
Water conservation and efficiency

Northwestern Hydraulic Consultants
http://www.nhcweb.com/
Water Resource Engineering

U.S. Army Corps of Engineers
http://www.usace.army.mil
Water system safety