



## **Career Opportunities for Aerospace and Mechanical Engineers**

**Overview Aerospace:** Based on information reported by the Career Cornerstone Center, aerospace engineers typically are employed in the aerospace product and parts industry, although their skills are becoming increasingly valuable in other fields.

**Overview Mechanical:** Based on information reported by the Career Cornerstone Center, mechanical engineers can do research, design, develop, manufacture, and test tools, engines, machines, and other mechanical devices.

### **Aerospace Engineering Societies:**

#### **American Institute of Aeronautics and Astronautics (AIAA)**

The Institute continues to be the principal voice, information resource, and publisher for aerospace engineers, scientists, managers, policymakers, students, and educators.

#### **Aerospace and Electronics Systems Society of the IEEE (AESS)**

The AESS is the only professional society dealing with total integrated electronic systems and the enabling technologies.

#### **Aerospace Industries Association (AIA)**

The Aerospace Industries Association (AIA) is the premier trade association representing major aerospace and defense manufacturers and suppliers in the United States.

#### **American Astronautical Society**

The premier network of current and future space professionals dedicated to advancing all space activities.

#### **Society of Flight Test Engineers**

The Society of Flight Test Engineers is a fraternity of engineers, whose principal professional interest is the flight testing of aerospace vehicles.

### **Mechanical Engineering Societies:**

#### **American Society of Mechanical Engineers (ASME)**

ASME is a professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines, while promoting the vital role of the engineer in society.

### **Research Opportunities Can Be Found at:**

[http://www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm)

## How to Search for an Internship/Job:

- Search for positions using job position titles: process engineer, product engineer, systems engineer, mechanical design engineer, quality engineer, project engineer, manufacturing engineer, wind turbine engineer, scheduling engineer, R&D engineer, test engineer, machine design engineer, aerodynamics engineer, propulsion design & analysis engineer, avionics engineer...
- Search using key phrases such as: aerospace engineer, aerospace engineering intern, aerospace engineering coop, mechanical engineer, mechanical engineering intern, mechanical engineering coop...
- **Importance of follow-up:** If you are using the internet, google the company or go to their site and link to their contact us page, utilize any phone numbers or email addresses to a direct person to follow up.

## OTHER SUGGESTED SITES:

<a href="http://www.internships.com/intern/engineering">http://www.internships.com/intern/engineering</a>	<a href="http://www.monster.com">www.monster.com</a>	<a href="http://www.nspe.org">www.nspe.org</a>
<a href="http://www.google.com">www.google.com</a>	<a href="http://www.careerbuilder.com">www.careerbuilder.com</a>	<a href="http://www.indeed.com">www.indeed.com</a>
<a href="http://www.wetfeet.com">www.wetfeet.com</a>	<a href="http://www.collegegrad.com/">http://www.collegegrad.com/</a>	<a href="http://www.careerjournal.com">www.careerjournal.com</a>
Respective Professional Society Sites	<a href="http://www.granted.com/">http://www.granted.com/</a>	<a href="http://www.aftercollege.com">www.aftercollege.com</a>

\*\*\*For International Students: <http://www.myvisajobs.com/>

## Below is just a small sampling of companies to consider when job searching:

- Boeing
- Aerotek
- Bechtel Marine Propulsion Corporation
- Bloomberg
- Deloitte Consulting
- General Dynamics Electric Boat
- New York Air Brake
- Georgia Tech Research Institute
- Parsons
- IRPI
- Johnson, Mirmiram, & Thompson
- TTTech
- Rockwell Collins
- The Spaceship Company
- The Aerospace Corporation
- Aurora Flight Services
- Orbital Research Inc.
- Logic Soft Inc.
- Raas Infotek LLC
- Department of Defense
- MITRE
- Vencore
- Textron
- NASA
- Booz Allen Hamilton
- Embry-Riddle
- Jacobs Technology
- Fast Switch, Ltd.
- Alion Space and Technology
- Shantec Consulting
- The Raymond Corporation
- Verso Paper
- Marguardt Switches Inc.
- Microsoft
- Nalco Company
- National Grid
- New York Air Brake
- Novelis
- O'Brien & Gere
- Pall Corporation
- PepsiCo
- Professionals Incorporated
- Raytheon Company
- RvD IDEA
- Salt City Technical
- SRC
- Ephesus Lighting
- EY
- General Electric
- IBM
- INFICON
- JEOL USA
- Johnson & Johnson
- Kirchhoff-Consigli Construction
- Lockheed Martin
- Anheuser-Busch
- BAE Systems
- Barton and Loguidice, D.P.C.
- Bergmann Associates
- C&S Engineers
- Cannon
- DART
- Farnsworth Group