

Requisition 18157: Summer 2015 Engineering & Scientific Internship

Detail: General Information

ID	18157
Folder/Status	Approved
Title	Summer 2015 Engineering & Scientific Internship
Segment (For Portals)	ATA
Requisition Type	Opening
Duration	Temporary/Intermittent
# of Openings	1 (1 remaining)
Hire Type	New
FLSA Status	N-Nonexempt

Detail: Assignment

Hiring Manager	Debbie Davenport, deborah.davenport.1.ctr@us.af.mil
Location Code	AEDC Arnold Air Force Base, Tennessee 37389 United States
Recruiter	Debbie Davenport, deborah.davenport.1.ctr@us.af.mil

Detail: Custom Fields

Segment	ATA
Craft/Staff	Staff
JE Job Group	ATA3A, Technicians/Technical Support
Empl/Class/SF330	00-Engineer Other
Intern/Co-op/Entry/Mid/Sr Level?	Co-op
Workers' Comp Code	8810

Description: Job Description

Overview

Aerospace Testing Alliance (ATA), a joint venture of Jacobs Engineering, PAE, and GP Strategies, provides operations, maintenance, and support services at the Air Force's Arnold Engineering Development Complex, Arnold Air Force Base, TN.

AEDC is the nation's most advanced and largest complex of flight simulation test facilities in the world. The \$11 billion complex operates 43 aerodynamic and propulsion wind tunnels, rocket and turbine engine test cells, space environmental chambers, arc heaters, ballistic ranges and other specialized units. Many of the complex's test units have capabilities unmatched elsewhere in the United States; some are unique in the world. .

**Due to Air Force Security requirements U. S. Citizenship is required for employment at AEDC.

**ATA is an Equal Opportunity Employer M/F/D/V.

Responsibilities

ATA's Internship Program is an opportunity for students to work with engineers and scientists involved in testing hypersonics, space simulation, rockets, propulsion systems, laboratory and test operations, modeling and simulation,

space environments, hypervelocity Aerodynamic/Aero-Thermal/Aero-Optics, scientific research and project management.

Summer Internship assignments will run May through the first of August 2015.

Interested and qualified students should upload a current resume when submitting their application. Pdf files work best; .doc and .docx are also acceptable.

Qualifications

Must be pursuing a degree in any of the following engineering disciplines: Aerospace, Mechanical, Electrical, or Computer Engineering; Computer Science, Physics, or Engineering Physics.

Minimum of 60 semester hours completed prior to beginning of work term.

Minimum GPA of 2.75.

Students from any university with an accredited engineering program are encouraged to apply.

Description: Additional Data

Physical Requirements

1. May be required to work in areas of high noise levels. = 60%
2. Lifting , up to 25 lbs. = 15%
3. Carrying, up to 25 lbs. = 15%
4. Reaching above shoulders - daily = 10%
5. Use of fingers = 100%
6. Both hands required = 100%
7. Both legs required = 100%
8. Ability to distinguish basic colors = 100%
9. Hearing required = 100%
- 10 Vision (Corrected) = 100%
11. Must be able to use respiratory protection and other PPE = 30%

Work Environment

1. The work environment requires the ability to cooperate, work in teams and work well with individuals at all levels of the company, the client, and outside users.
2. The nature of the work requires the ability to communicate clearly. = 100%
3. Use of personal transportation for travel within the AEDC area and company-provided transportation to other users' facilities. = 100%
4. May be required to sit for extended periods of time. = 50%
5. Work is performed both inside and outside under varying temperature and weather conditions (+20 to 110 deg F). = 60%

Equipment and Machines

1. Must have the ability to use PC and associated equipment on a daily basis. = 70%
2. Use of the telephone is required. = 40%
3. Use of other general office equipment. = 10%

Attendance

Regular attendance is essential to the efficient operation of ATA and is a necessary condition of employment. Each employee will be expected to adhere to the work schedule established by his/her supervisor and comply with the company's attendance policy. Employees are expected to report to work at the scheduled time, return from breaks promptly, and depart work not earlier than the end of the scheduled day. Overtime may be required to complete project assignments. This position requires the flexibility to work irregular hours (i.e., early mornings and late evenings). Duty can be on first, second, or third shifts. Compliance with safety rules and safe work practices is an essential function of the job.

Other Essential Functions

1. Must be able to work in a team atmosphere.
2. Must put forward a professional behavior that enhances productivity and promotes teamwork and cooperation.

3. Grooming and dress must be appropriate for the position and must not impose a safety risk/hazard to the employee or others.

Must be able to obtain and maintain a security clearance and to obtain and maintain access to the AEDC local area computer network.

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