

Student Assistant Job Opening

Setup of Rocket Engine Static Fire Test Data Acquisition System

CALVEIN

California Launch Vehicle Education Initiative

- Overview: With support of CALVEIN team members and under Faculty supervision, the student will be responsible for all aspects of the development of a data acquisition system for rocket engine testing, from defining the architecture to setting up the hardware and software. This is an excellent opportunity to learn all aspects of **project management** (schedule, budget, purchasing) as well as **data acquisition system development** and use with leading National Instrument software LabView.
- Duties: Work with CALVEIN team members (faculty, mentors and graduate students) to:
 - Define architecture (computer, data acquisition cards, sensors, etc.)
 - Identify software and hardware components
 - Coordinate purchase of equipment
 - Setup hardware
 - Setup software with LABVIEW
- Qualifications and interest
 - Junior or senior level, Engineering major
 - Interest in learning about data acquisition
 - Good inter-personnel and organization skills as well as initiative
 - Demonstrated interest in “Rocket project”
- 10 hrs/wk. for 2.5 months (mid-March to end of May)
- \$10 per hour

Send cover letter & resume to Dr. Besnard, besnarde@csulb.edu by **March 4, 2004**
(indicate position # SCAC-DA-04)

California State University, Long Beach - Garvey Spacecraft Corporation
<http://www.csulb.edu/colleges/coe/ae/rockets/>



Aerospike engine static test
(June 2003)