



PCKIZ INTERNSHIP—LECHTZER INCORPORATED

Interesting, Smart, Fun, Friendly Part-time Student Internships

Responsibilities

Preparing and helping conduct experiments, new product research/design, CAD/CAM organizing the lab, and other tasks associated with development of specialized optical and electronic devices; Assist in maintaining organized laboratory work stations; Documentation of their work and computer work – embedded controller programming e.g. MSP430 or - data reduction and/or website design and modification. Altium, ORCAD, Labview, C, microprocessor IDEs for TI and Freescale products. Work with Optics – LEDs and lasers. Build and test novel sensors, subsystems and complete instruments.

Education and Training

We seek organized and responsible individuals able to work with others as well as independently. A scientific, electronics, computer and mechanical aptitude is most desirable with an enthusiastic attitude towards research and development. Applicants must be able to follow procedures for lab activities. An ability to observe when procedures are not working properly and to speak up is desired. One should be comfortable to ask for assistance, have good attention to detail and be comfortable working around sensitive equipment.

Experience

Real world experience with electrical, microcontroller, software, optical or mechanical systems such as doing their own work on their bike, car, computer, or science projects is desired along with college lab experience in physics, chemistry, electronics, engineering or computer related work and good/excellent grades and references.

Hours:

The internship will last for eight (8) weeks.

The intern is able to work up to fifteen (15) hours per week at a pay rate of \$10.00 per hour.

Interested students should send their resume to Karen Eady-Lockett at Kelockett@pckiz.org.

For additional information about Lechtzer Inc, please visit their website at www.lechtzer.com.
For more information about the Pittsburgh Central KIZ please visit our website at www.pckiz.org