To whom it may concern:

I wanted to make you aware of a summer job opening for an experienced Python programmer for this summer at Sandia National Laboratories. Please direct this email to individuals you feel might have the right qualifications and interest in working with me this summer.

Sincerely,

Christopher J. Garasi, Ph.D.
Sandia National Laboratories
(505) 284-2691

Job Title: Student Intern - Explosive Subsystems and Materials Support
Technical Undergrad Summer 2015
Job Opening ID: 649385
Location: Albuquerque
Full/Part Time: Part-Time
Regular/Temporary: Temporary

About Sandia
Sandia National Laboratories is the nation's premier science and engineering lab for national security and technology innovation. We are a world-class team of scientists, engineers, technologists, post docs, and visiting researchers all focused on cutting-edge technology, ranging from homeland defense, global security, biotechnology, and environmental preservation to energy and combustion research, computer security, and nuclear defense.

To learn more, visit http://www.sandia.gov.

Job Specifications: Creation of graphical user interface and pre-/post-processing software interface to SNL multiphysics code using Python programming language.
Department Description
The Explosive Subsystems and Materials department is responsible for development and specifications for energetic materials. This includes activities related to aging; compatibility process evaluation, development, and characterization; and subsystem design using all energetic materials to meet requirements. In addition, Explosive Subsystems and Materials designs, develops, and characterizes explosive, propellant, and pyrotechnic components and subsystems to meet specific needs. This includes low-power devices such as battery igniters, DDT detonators, gas-transfer actuators, and special use-control devices.

Primary Job Duties
Job assignments vary upon organization, discipline preference, and specific job requirements as defined in the job specification. Duties may include assisting technical staff with developmental research, analysis of technology and engineering options, project design, testing, formulating conclusions, data collection, and analyzing experimental data.