R&D Engineering Intern at Vescent Photonics

Vescent Photonics, a recognized leader in precision lasers and laser control, seeks a highly motivated, hands-on intern to assist our talented development team with ongoing product development and contract-funded projects. The chosen candidate will participate in the development of advanced laser systems for precision measurements.

Job Duties:
• Assist laser development team with ongoing projects, including:
  o Data acquisition optimization
  o Fundamental laser modelling and simulation
  o Aligning optical test benches
  o Testing and debugging laser systems
  o Optical measurements and characterization
  o Electro-optical integration and testing
• Work independently on research and engineering projects.

Required Qualifications:
• Currently working towards earning a B.S. in Physics or Electrical Engineering, or equivalent technical degree
• Completed classwork with lab experience in at least one of the following subjects: optics, lasers, analog electronics, digital electronics, or embedded software
• Excellent verbal and written communication skills

Desired Skills:
• Optical alignment and characterization.
• Electrical measurements involving oscilloscopes, spectrum analyzers, multi-meters, and power meters.
• Programming and/or lab automation experience: Python, C/C++, Javascript/HTML/CSS, Matlab, and/or Labview.