Elemental Led
www.elementalled.com

POSITION TITLE: Engineering Intern

POSITION LOCATION: Reno, NV

POSITION DESCRIPTION:
Elemental Led is seeking an Engineering Intern to join the team. The Engineering Intern provides support to the staff engineers in the areas of mechanical and electrical design, product testing and validation, and quality assurance. The Engineering Intern may also serve as a liaison to, and collaborate with, other departments, including marketing and sales. This position has a strong learning component and is intended for those with limited professional experience in engineering or physics. Essential job functions include, but are not limited to:

- Assisting in engineering brainstorming and in mechanical and electrical product design processes
- Preparing technical drawings in SolidWorks (mechanical design) and/or Altium Designer (electrical design)
- Performing product tests, including mechanical, electrical, chemical and materials, and optical/photometric tests
- Assisting in manufacturing process design
- Performing quality assurance and quality control tests on outgoing and returned products
- Documenting results and preparing test reports and engineering memoranda

QUALIFICATIONS:
- Enrollment as a junior or senior in a Bachelor’s Degree program in physics or engineering at an accredited college or university (specialization within physics or the field of engineering should have some demonstrable connection to the work of Elemental Led, but any engineering field or area of specialization within physics will be considered if the applicant can show its relevance)
- Experience in research environments is preferred, but not required
- Rising sophomores with exceptional credentials (i.e. strong GPA, research experience, relevant extracurricular, etc.)
- Knowledge of basic engineering principles
- Knowledge of Microsoft Office Suite with a particular emphasis on Microsoft Excel
- Knowledge of optics, photometrics, and LEDs is desirable, but not required
- Ability to respond to and effectively prioritize multiple tasks
- Ability to interpret, apply, and explain engineering policies and procedures
- Ability to compose correspondence and reports independently or from brief instructions
- Ability to understand and follow oral and written instructions
- Ability to organize own work, set priorities, and meeting critical time deadlines
- Ability to operate modern office equipment, including computer equipment and specialized software application programs
- Ability to use English effectively to communicate in person, over the telephone, and in writing
• Ability to use tact, initiative, prudence, and independent judgement within general policy, procedural, and legal guidelines
• Ability to establish, maintain, and foster positive and effective working relationships with those contacted in the course of work
• Ability to maintain a high level of integrity, diplomacy, and confidentiality

HOW TO APPLY:
Interested applicants should send in resumes to Olivia Tanguileg at Olivia.tanguileg@elementalled.com.