MECHATRONIC ENGINEER

Posting ID: EM1930852F
Company: IEDAC USA
Position Type: Full-Time / Part-Time
College Major(s): Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE)

Company Website:
Work Location: HENDERSON
Salary: Depending on Experience
College Level(s): Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior, Graduate Student

OVERVIEW

IEDAC USA LLC designs and manufactures electrical components and various metal fabrications. IEDAC USA customers are directly familiar with the owner and/or are referred by word-of-mouth.

Roles and Responsibilities

• Systems design
• Schematic representations
• Testing and commissioning of designs
• Test Lab verification of designs
• Project documentation
• End user support
• Other related duties may include:
  • Design engineering systems for the automation of industrial tasks.
  • Create mechanical design documents for parts, assemblies, or finished products.
  • Design advanced electronic control systems for mechanical systems.
  • Maintain technical project files
  • Analyze existing development or manufacturing procedures and suggest improvements.
  • Implement or test design solutions.
  • Identify and select materials appropriate for mechatronic system designs.
  • Create mechanical models and tolerance analyses to simulate mechatronic design concepts.
  • Upgrade the design of existing devices by adding mechatronic elements.
  • Design advanced precision equipment for accurate or controlled applications.
  • Publish engineering reports documenting design details or qualification test results.
  • Provide consultation or training on topics such as mechatronics or
automated control.

**Education and Qualifications**

Have an interest in mechanics and electronics, be creative, have problem-solving skills, ability to work as part of a team, have practical & technical skills and a detailed and methodical approach to their work.

Have a degree in mechatronics or similar, or currently enrolled in an engineering program at sophomore level or above. Experience may be substituted for some education.

**How to Apply**

Please submit resume to: AMays@iedac.com