



Electrical-Embedded Design Intern

Job ID#: 2022-05A
Regular/Temp: Temp/Temp to Perm
Full-Time/Part-Time: Part-Time

3 Steps to CME Hiring:

1. Complete Application at [ApplicantPro](#)
2. Take Both Predictive Index Assessments
3. Gather Info for Interview: Last 2 W2's, Complete Background Check Form, COVID-19 Vaccination Card

Job Summary: Are you someone who has a passion for solving puzzles whether it be a existing system or electrical design which could require a firmware, hardware, or software fix? CME is looking for Electrical-Embedded Design Intern who uses electrical/electronic design and problem solving skills to create and/or improve innovative products and systems to meet cost, schedule, and customer requirements.

DUTIES AND RESPONSIBILITIES

- Electrical/Electronic Design to meet budget & customer requirements for products and systems used for commercial and industrial purposes
- Collaborate with multi-disciplined engineers to ensure cost, schedule, & contractual requirements
- Researching & ensure that design & manufacturing processes conform to standards and customer requirements by preparing electrical systems specifications and technical drawings match; use version labeling & configuration management control to document
- Assist/Develop engineering processes for manufacturing by designing & modifying equipment for building and assembling electrical components; soliciting observations from operators
- Support the full product realization life-cycle to facilitate project implementation according to established procedures and best practices: monitoring engineering progress, anticipating technical issues, and driving corrective actions
- Support plans and at times formulates aspects of research and development proposals such as objective or purpose of project, applications that can be used from findings, costs of project, and equipment and human resource requirements
- Other duties as assigned

JOB QUALIFICATIONS:

- Undergraduate or graduate student of an accredited college or university.
- Ability to read and create drawings/schematics with strict adherence to revision control
- Excellent PC skills in programing, debugging, as well as Excel, Word, PowerPoint
- Proven knowledge/skills of CAD software design programs, Solidworks experience or certification preferred
- Experience with ERP system, Deltek Costpoint or similar system preferred
- Highly organized, effectively managing multiple projects to budget, performance, & schedule
- Strong written and oral communication skills

Minimum Requirements Needed:

- **Bachelor degree in Engineering or Physics (Preferred)**
- **Electrical Engineering experience in electronic systems, SMT, and/or power supplies**
- **COVID-19 Vaccinated.**
- **Completion of Require Predictive Index Assessments (behavior & cognitive), Background Check, Reference, Credit, & Drug Testing**
- **Positions with CME require access to controlled goods and technologies subject to the International Traffic in Arms Regulations or the Export Administration Regulations. Applicants for these positions need to be "U.S. Persons," per regulations. Generally, a "U.S. Person" is a U.S. citizen, lawful permanent resident, or an individual who has been admitted as a refugee or granted asylum. CME cannot accept any person for employment who does not meet employment eligibility requirements, E-Verify verification, and/or is in the U.S. under a student (F1 and/or OPT, J1, or M1) and/or temporary work visa.**

Travel Percentage Required: Minimal & Usually Local to Vendors. 0% -5%

[Custom Manufacturing & Engineering, Inc.](#) (CME®) is a 25 year old award-winning Tampa Bay small business which designs and manufactures custom-engineered and build-to-print/spec products/systems. Our team works with aerospace/defense and industrial customers to produce cables & wire harnesses, power supplies & distribution equipment, special test equipment. CME is also a big supporter of STEM as well as sustainable efforts & education including: www.solar4STEM.com

CME operates on the EOS System and company focused on a Culture of Accountability. Our 5 Core Values drives everything we do as employees and the results for our customers. CME's 5 Core Values are: Resolves Problems, Works with Energy & Passion, Challenges Themselves, Serves the Customer-Protects CME, and Delivers! To read more about our company culture and values, please go to: <https://www.custom-mfg-eng.com/careers.html> and click on the tab "Culture of Accountability."

CME is an Equal Opportunity/Affirmative Action Employer. *All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.*

Removal Date: 01-June 2022