

Cybersecurity Intern

Job ID#: 2022-06A
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:

At CME, the Cybersecurity Intern will assist with performing processes and procedures necessary to ensure the safety of information systems and applications on premise and operate independently to ensure software, hardware, and related components are protected from cyber threats! You will work closely with IT Team on mission-focused projects to develop security systems and analyze vulnerabilities, as well as provide assistance to CME personnel concerning the use of computer hardware and software. If you like to working toward finding solutions to complex problems, we want to speak to you!

Duties and Responsibilities:

- Acquire Cybersecurity principles and learn publication NIST SP 800-171 requirements
- Consult regularly with IT team, attend the team weekly meeting
- Assist implementing Cybersecurity Maturity Model Certification (CMMC) initiatives across the enterprise
- Assist with developing, documenting, creating, and analyzing configurations settings, rules and alerts associated with enterprise risk, security systems, and applications
- Assist with vulnerability assessments and penetration testing for specific applications, services, networks and servers as required
- Provide first level compliance monitoring and investigations
- Assist with monitoring for, investigating, and responding to incidents
- Assist with performing root cause analysis on identified vulnerabilities and identified incidents
- Assist with performing log reviews, monitoring system alerts, and documenting incidents
- Assist with the creation of and conduct social engineering tests
- Record and track IT security incidents
- Other duties assigned by IT team

Job Qualifications:

- Understanding of information security principles and best practices
- Preferred – Knowledge of Java, PowerShell, System Information Event Management (SIEM) Linux

- Preferred - knowledge of Firewalls/VPN, Microsoft O/S
- Ability to search Internet for cybersecurity tools (free, or Open Source)
- Required knowledge of Active Directory, Registry, Process Control, System Logs, System Events
- Analytical, investigative, and inquisitive thought process
- Read and write technical manuals
- Knowledge of the structure and content of the English language
- Knowledge of administrative support procedures and systems such as word processing, managing files and records, etc.
- Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
- Actively listen & Convey information effectively
- Identify complex problems and review related information to develop and evaluate options and implement solutions
- Excellent organizational skills
- Ability to set priorities
- Ability to make improvement suggestions and understand the impact to the organization

MINIMUM REQUIREMENTS NEEDED:

- **Must have 2+ years of engineering school experience and/or hands-on, preferably in electrical/electronic design and/or the manufacturing industry from Accredited College/University or Bachelor's Degree.**
- **Work schedule projected to be 20-40 hours per week (flexible to class scheduling).**
- **COVID-19 Vaccinated.**
- **Completion of Required Background Check, Reference, Credit, and Drug Testing and Predictive Index Assessments (Behavior & Cognitive)**
- **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: None expected, however possible 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's products are used by the US military and other industries around the world. CME is also a big supporter of STEM as well as sustainable efforts & education including: www.solar4STEM.com

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.