



Cybersecurity Intern

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Job ID: 2021-24C
Regular/Temp: Internship
Full-Time/Part-Time: Full-time/Part-Time
Submit Reply and Resume to: CMEHR@custom-mfg-eng.com

MUST complete Predictive Index test before applying:

<https://assessment.predictiveindex.com/54R/74563084-ad4c-4009-995a-335bf41e5dda?type=candidateba>

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 and as part of a team to ensure our 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.

- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems
- Talking to others to convey information effectively
- Ability to actively listen
- Identifying complex problems and reviewing 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:

- High School or AA/AS degree (trade or tech school) from an Accredited College/University
- Pursuing a BS/MS in Mathematics, Computer Science, Computer Engineering or another relevant field
- Coursework and general knowledge and understanding of information technology
- 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," as defined in these 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.
- Successful Passage of Required Screenings & Tests: Background Check, Reference, Credit, and Drug Testing

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

An award-winning Tampa Bay small business for two decades, Custom Manufacturing & Engineering, Inc. (CME®) delivers Engineering, manufacturing, test, and calibration/repair services to Government and Industry. Join us at CME, where one can "Use Our Expertise to Design & Build Your Solutions" CME's culture is embodied by Core Values that are focused on: Serving the customer while protecting CME, delivering quality products and services as required, solving problems, working with energy and passion, and encouraging and developing employees that challenge themselves.

As a strong supporter of Science, Technology, Engineering and Math (STEM) and other select charitable initiatives, CME promotes and encourages employee community support to nonprofit organizations or educational institutions, especially for mentoring and school/student support. Most of CME's products and services are focused on the development and manufacturing of energy efficient and sustainable products such as more efficient power supplies, intelligent power distribution units, energy saving solar panels, and other electronic systems, end products, or components. (www.custom-mfg-eng.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.*

*As a U.S. defense contractor CME is also subject to additional rules and regulations regarding the hiring of foreign persons. **In compliance with U.S. federal law, all persons hired will be required to verify identity and eligibility to work in the United States; 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.** For the purposes of clarification, the I-9 defines eligibility of an employee as a: U.S. citizen, permanent resident card or alien registration card (Form I-551), a person with a temporary I-551 stamp on their passport or U.S. immigrant visa, and/or passport from the Federated States of Micronesia (FSM) or Republic of the Marshall Islands (RMI) with Forms I-94 or I-94A indicating nonimmigrant admissions under Compact of Free Association between the U.S. and FSM or RMI.*