**Employer:** **Location:**

**Position:** Cyber Security Intern

**Salary:**

**Availability:**

**Preferred Interest:** Computer/IT Support, Cyber Security/Cyber Defense

**Expectations:**

*Students will work in this internship to develop competencies and knowledge in the Computer/IT Support and Cyber Security industry to enable them to better discern a career in these occupational areas. Students will start by observing and learning and progress to executing tasks as directed by their supervisor. Students will be expected to meet the same criteria as full-time employees regarding a drug-free workplace, maintaining confidentiality, and meeting the requirements of their particular position in the hours employed. Employers will be expected to provide a safe work environment according to the Occupational Safety and Health Administration (OSHA) and comply with Federal and Ohio Minor Employment Laws if the student is under 18.*

**Responsibilities:**

* Shadow Cyber Team Members in the following areas: Endpoint Protection – Servers, Mobile Devices, Laptops; Data Loss Prevention – Secure Web Gateway, Cloud Access Security Broker, Data Discovery and Detection, Email Gateway; Perimeter Controls – Firewalls; Attack Surface Reduction – Malware, Anti-Virus; Identity and Access Management – Single Sign On, Multi-Factor Authentication; Governance – Security Committee Meetings, Risk Oversight; Visibility – Logging, Monitoring, Metrics and Reporting; Automation – Script Writing and Execution; Incident Response – Identification, Triage, Investigate, Action; Vulnerability Management – Identification, Triage, Investigate, Action; and Threat Intelligence – OSINT investigation, report writing, indicator research.
* Assist in identifying and solving potential and actual security problems.
* Assist in database management and entry.
* Assist in providing technical assistance to computer users, answering questions or resolving computer problems for clients in person, over the phone, or digitally.
* Assist in observing system functioning to verify correct operations and detect errors.
* Recognize problems by identifying abnormalities and report violations.
* Record events and problems and their resolution in logs.
* Help to maintain system security controls.
* Assess security violations and inefficiencies and help to solve potential and actual security problems.

**Desired Skills:**

* Self-starter to ensure continued engagement through the end of the program.
* Interest in learning and exploring information security domains and capabilities.
* Ability to communicate clearly and effectively, both verbally and in writing.
* Pursuing an education in IT, Computer Science, Cyber, or relevant field.
* PC support and basic networking knowledge.
* A service-oriented learner with a technical mindset.
* Working proficiency in Microsoft Word and Excel and experience communicating through email.

**Educational Goals:**

* Exposure to IT Cyber Security career fields.
* Learn components of commonly used computer hardware and software.
* Diagnose customer problems and provide troubleshooting and issue resolution support.
* Become familiar with the use of computers, infrastructure, and peripheral devices.
* Gain knowledge of system administration, network security, information security policies, and firewall administration.
* Develop active listening, service orientation, critical thinking, judgment, and decision-making skills.