

Ethan H. Gilles

Education:

B.S. Computer Science, Minor in Cybersecurity
GPA: 3.571

*University of Southern Maine
Estimated Graduation: Spring 2025*

Skill Sets:

Java and C++ Programming	Windows Server Administration
HTML/CSS Programming	Microsoft Excel
Test instrumentation and lab equipment	Analytical Capability
Problem Solving/Team Building	Data Structures and Algorithms

Experience:

Sweetser

IT Support Intern, Current

- Successfully imaged and distributed laptops or workstation devices for new employees.
- Performed server administration tasks in AD with guidance from a network administrator.
- Assisted other employees with any IT related issues through the IT Help Desk line.

University of Southern Maine

Teachers Assistant - Algorithms in Programming, Current

- Attended weekly labs and assisted students with installing and troubleshooting their chosen IDE.
- Assisted students with questions pertaining to basic algorithms and concepts in programming in Java.
- Graded and gave feedback to over 20 students weekly coding assignments.

Central Maine Healthcare

Cyber Security Intern, Summer 2023

- Gained exposure and hands-on experience with common cybersecurity tools and best practices.
- Conducted vulnerability assessments and routine system checks for a network of over 3,000 employees.
- Developed expertise in identifying and mitigating different types of cyber threats, including ransomware and phishing.
- Utilized tools such as Ivanti Neurons, Lansweeper, Medigate, Tyler MDR, and Tenable Nessus for network monitoring, vulnerability management, and threat detection.

Dairy Queen

Team Lead, June 2016 - August 2019

- Led team of four and oversaw restaurant operations in high-tempo environments across three locations.
- Provided training to new team members and successfully onboarded 20+ teammates over three years.
- Ensured 100% accuracy of income transactions and oversaw end of shift revenue deposits.

Relevant Coursework:

Operating Systems Security

- Client and server operating system security concepts and techniques. Explores vulnerability, configuration and maintenance, operating system features and other tools commonly employed.

Introduction to Cybersecurity

- Defining and recognizing both online threats and potential targets, and developing intellectual tools for evaluating relative risks within cyberspace.

Systems Programming

- A study of systems programming concepts and software, including the C programming language and the Unix programming environment and operating system interface.

Design and Analysis of Computing Algorithms

- Techniques for designing algorithms, such as divide-and-conquer, greedy method, dynamic programming, and backtracking are emphasized. Many problems of practical importance are covered including: minimum spanning tree, single source shortest path, traveling salesperson, and graph search.

Internet Website Development

- Website planning methods, HTML, cascading style sheets, HTML editors, FTP, site maintenance, intellectual property issues, and legal issues. Students develop sample Web pages and associated planning documents, and maintain a Website on a server.