

Dennis Selfinger

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Objective

As a driven computer science major in my final year with a 3.8 GPA, consistently making the Dean's List, I am seeking a software engineering internship where I can apply my passion for IT and robust technical skills. My education and hands-on experience in software development and cybersecurity have equipped me with the ability to solve complex problems and enhance operational efficiency. My GitHub portfolio demonstrates my proficiency in developing practical IT solutions, ranging from ticketing systems to automated network setups to simple ML learning project I am working on and basic websites. Eager to contribute to a dynamic team, I am committed to leveraging my analytical and critical thinking abilities to drive innovation and success in a software engineering role.

Projects:

My GitHub portfolio showcases a variety of projects that demonstrate my ability to develop and implement practical IT solutions:

Ticketing System: A basic but functional ticketing system designed to track and manage user support requests efficiently.

Automated Network Setup: A cross-platform network configuration script written in Python, using the Netmiko library to automate routine network tasks across diverse systems.

Bash Network Automation: A Bash script for automating network setups, including configurations and security protocols, ideal for environments requiring robust network management.

System Health Check: A script that performs basic diagnostics to ensure system functionality and security integrity.

Security Protocols Documentation: A series of text documents outlining custom security protocols I developed, tailored to various network architectures from small office networks to corporate environments.

Automated Trading Algorithm: This is still be worked on. It is a few different classes for gathering the RSI,EMA & SMA, Fibonacci sequence, etc.. Just a basic structure using Historical data

Password Manager: encrypts and decrypts passwords while also creating them.

These projects underscore my adeptness in tackling substantial technical hurdles and my enduring dedication to fortifying cybersecurity measures and optimizing network performance within the helpdesk domain. Additionally, I actively engage in endeavors such as constructing and enhancing computer systems, executing networking initiatives involving Raspberry Pi and Arduinos, thus augmenting my proficiency not only in software but also in hardware and installation procedures.

Education

- Southern New Hampshire University: Pursuing a degree in Computer Science

(2022 - Present)

- New England College, Henniker, NH: Studied Psychology and Computer Science (2019 - Transfer)

Professional Experience

- Giant Eagle, Seasonal Help (December 2022 - March 2023):
 - Delivered exceptional customer service both in-person and over the phone.
 - Addressed and resolved concerns from both satisfied and unsatisfied customers.
 - Processed orders through phone,
 - face-to-face interactions, and digital channels such as email and website.

Quality by Craig (2018-2022)

- Sales
- Customer service, track jobs, inventory, crews, crew cost and material costs
- Spearheaded various construction projects,
- from planning to execution involving client/customer interests
- Helped with advertising and ensured timely completion.

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Completed Courses and Certificates

- customer service Fundamentals Coursera
- Google IT Support (2 months) Google version of CompTia 5 courses
 - Foundations of Cybersecurity
- IT-145-X1591 Found in App Development 23EW1
- CS-210-H2922 Programming Languages 23EW2
- IT-145-X1591 Found in App Development 23EW1
- IT-140-J6871 Introduction to Scripting 23EW6

- IT -DAD-220-R2188-Structured Databases Environment
- Software Development Lifecycle
- System Analysis and Design
- In process of getting Comp tia and Newtork + certs, Studying right now for them

Skills

- Collaboration/Team oriented
 - Self Driven and motivated
 - Ability to learn sharpen and stay on top of new skills
 - Sales
 - Excellent Customer Service skills
 - Organizational
 - Problem solving
 - Analytical and critical thinking
 - Microsoft Office 365
 - Linux, Powershell
 - Python, Java, html, css
- C++. Powershell basics
- Data Bases
 - Networking
 - Virtual Machines (virtual box)
 - MS office, Word, EXCEL, Pivot Tables for data bases in excel
 - SQL Server
 - Data bases