Eric DeMoney

Highly motivated Computer Science student with one year of experience in a fast-paced corporate tech enviroment

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Education

B.S. Computer Science expected 05/2021

California State University, Chico

Relevant Coursework

CSCI 515 Compiler Design

CINS 448 Computer Security

CSCI 446 Networking Basics and Socket Programming in C

CSCI 370 Basics of databases

CSCI 111, 211, 311 Algorithms and data structures in C++

EECE 237 Embedded systems development in ARM assembly and C

MATH 314 Probability and statistics for science and technology

MATH 217 Discrete Mathematical Structures

MATH 120, 121 Differential and integral calculus

PHYS 204 Physics for Engineers

Technical Skills

Languages

Proficient with C/C++, Java, PowerShell, and Unix shell

Familiar with JavaScript, HTML/CSS, SQL and Bash

Learning Rust and Python

Software

Git, Wireshark, LaTeX, LDAP systems

Comfortable with Windows and any Unix-based operating system.

Experience

Information Security Intern (08/2018 - 08/2019) - Enloe Medical Center (Hospital in Chico, CA)

Developed user creation and termination scripts that saved ~6 hours of work per week and eliminated the need to purchase expensive provisioning software to perform the same task.

Designed and implemented several scripts to automate and minimize mistakes in time consuming provisioning tasks as well as scripts for generating spreadsheets of vital security metrics.

Secretary of the Risk Management Committee, which discusses solutions for high-risk vulnerabilities in the hospital's technical infrastructure.

Performed daily tasks such as log monitoring using Proofpoint, LogRhythm, and Rapid7.

Personal Projects

Wrote CLI program in C++ to dissect packets over a network similarly to Wireshark using PCAP live capture.

Configured and maintained Linux servers on Ubuntu Server and CentOS, and personal laptop on Arch Linux.