

Eric DeMoney

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

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Education

B.S. Computer Science expected 05/2021
California State University, Chico, Chico CA

Relevant Courses

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 mathematics
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, L^AT_EX, 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)

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.

User creation and termination scripts alone saved ~6 hours of work weekly and eliminated need to purchase expensive provisioning software to perform the same task.

Secretary of the Risk Management Committee, which discusses high risk vulnerabilities in the hospitals technical infrastructure.

Performed daily tasks such as log monitoring using, Logrithm, Proofpoint, Rapid7, and Code Green.

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.