

# 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

## 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,  $\text{\LaTeX}$ , 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.