



catwebm.com



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github.com/vanities

## Summary

Strong work ethic, quick learner, and a committed team player. Having served in the United States Navy as a Network Administrator, and now holding a Bachelor's Degree in Computer Science from Middle Tennessee State University.

### Strengths:

Problem Solving  
Time Management Organization  
Strong Communication Skills

### Proficient in:

Python  
Docker Containers  
Django/SQL  
Linux/Bash  
C, C++

### Working knowledge of:

Network Administration  
Web Development  
Git & Version Control  
SQL & Databases  
Vim & tmux  
Blockchain  
A.I. & Neural Networks  
Electrical Engineering  
Microsoft Tools  
Visual Studio

## Experience

### Coinmine

May 2018– April 2020

Software Engineer

- Built and maintained mineOS, an Arch Linux-Based distro, and fabricated build and deployment tools for distributing OS images through a test and build pipeline for over 3000 edge compute devices.
- Used Agile, Extreme Programming and Test Driven Development methodologies to deploy, update, and configure a Django based backend with over 8,000 users.
- Arranged and operated analytical, deployment, and pipeline tools such as: CircleCI, Code Climate, Datadog, and Sentry.
- Worked with overseas distribution centers to construct and create Standard Operating Procedures (SOP) for assembly and manufacturing.

### Caterpillar Financial Services Corporation

May 2017 – July 2017

Information Services Intern–Network Team

- Led research, meetings, and recommended the replacement of a network team application. Worked as liaison between team members and company solutions. Sought out quote to be implemented into the yearly budget.
- Researched and developed a web dashboard that displayed global network information with Python and Flask using a SQL database. Used JavaScript, J-Query, Bootstrap, AJAX, and Google Charts to form a coherent and simple-to-use website. Implemented a search function that integrated with database calls to speed up information flow.

### Middle Tennessee University Library

July 2014 – May 2018

Student Technology/MakerSpace Assistant

- Assists in student's technical difficulties and maintains printer functionality while routing questions to proper resources.
- Trains students on 3D printing technology, laser etching, and vinyl cutting in the MakerSpace.

### United States Navy

July 2008 – July 2014

Computer and Network Technician

- Held a Secret Clearance and handled the Electronic Key Management System.
- Upkeep and corrective maintenance of the Ship's Self Defense System, Open architecture network server and computer systems, Battle Force Tactical Trainer network, and Cooperative Engagement Capability LAN.
- Efficiently led as work center supervisor, 8 personnel in accomplishing over 1,634 maintenance actions with a 94% maintenance accomplishment rate, managing 372 maintenance checks and repairs.
- Managed 106 classified software programs and hardware systems.
- Assisted in the successful overhaul of 3 major system installs with lead engineers to include: Hardware, software, and network installation, troubleshooting to the perfection of the systems.

## Education

### Middle Tennessee State University - 3.67 GPA

2014 – 2018

Bachelor of Science (B.S.), Computer Science

Minor in Mathematics

- Dean's List 2014–Present
- Member of Association of Computing Machinery (ACM)
- Member of the Upsilon Pi Epsilon Computer Honor Society

## Interests

Arch Linux, Cryptocurrency, Hiking, Snowboarding, Disc Golf, and Music.