Adam Mischke

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Summary

Strong work ethic Full-stack Engineer that learns quickly and is a commited team player. Has 4-years of startup experience working in an agile and TDD enviroment. Served in the United States Navy as a Network Administrator.

Strengths:	Proficient in:			Working knowledge of:	
Problem Solving	Python	Git	React	Network Adminstration	Electrical Engineering
Time Management Organization	Swift	Linux/Bash		Web Development	Excel & Word Processors
Strong Communication Skills	Docker	Javascript/Typescript		A.I. & Neural Networks	Terraform
	Django/SQL	Blockchain		C/C++	

Experience

FunFunFun Inc. - Gen Z Dating

May 2020-June 2022

Full-stack Software Engineer

- Created a live updating video dating app that integrated with TikTok with over 10,000 users, where users could like, match, and message eachother.
- Built a Django and GraphQL with CI/CD tools using GitHub actions and a matching algorithm to pair users together with alike parameters.
- Created a series of Firebase, Firestore, and Google Storage Typescript triggers to create a video processing pipeline that asynchronously cut over 8,000 videos.
- Contributed to a Typescript React webpage to police uploaded media and content to display info for product managers.
- Deployed a fully SwiftUI iOS app from the ground up to deploy directly to the App Store with a fully UI testable local environment.

Coinmine - Crypto Mining Made Easy

May 2018- April 2020

Software Engineer

- Built and maintained mineOS, an Arch Linux-Based Operating System, onto a small form factor computer that mined 6 different cryptocurrencies 24/7 that users could plug and play at home.
- Fabricated the build and deployment tools for distributing mineOS images through a test and build pipeline for over 3,000 miners.
- 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.
- Collaborated with React Native Engineer to build smooth frontend experience between API and Coinmine machine.
- 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. Then 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.

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 system.

Education

Middle Tennessee State University - 3.67 GPA

2014 - 2018

Bachelor of Science (B.S.), Computer Science
Minor in Mathematics

- Dean's List 2014-2018
- Member of Association of Computing Machinery (ACM)
- Member of the Upsilon Pi Epsilon Computer Honor Society

Interests

Arch Linux, cryptocurrency, hiking, snowboarding, music, lifting weights, running, and learning new programming things.