

Keegan Murphy

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Managed assets & aggregated data on dozens of brands of commercial software. Engineered personal finance software using Azure to navigate & predict volatile markets. Harnesses a business-minded & fast-paced nature from 6 years of trading to continue driving forward prosperous solutions in a challenging & dynamic technical market.

EDUCATION

University of Minnesota, Twin Cities - College of Science and Engineering

Minneapolis, MN

Bachelor of Science in Computer Science

September 2021 – Expected May 2025

- Program Design & Development, Machine Architecture, Data Structures & Algorithms, Calculus II, Discrete Math.
- Swift, Figma, C, Java, Python (Flask, Django, Requests), JavaScript (Node, Express), CSS, HTML, Linux, GitHub, OCaml.

Microsoft Certified: Azure Fundamentals, Azure AI Fundamentals

Remote

EXPERIENCE

Software Asset Management Intern

Minneapolis, MN

Metropolitan Council | Minnesotan, metropolitan-area regional government

May 2023 – Present

- Write technical documentation on software used by Met. Council employees to effectively manage & procure stock.
- Leverage Ivanti Neurons ITSM/ITAM software to manage software assets and entitlements to maintain compliance.
- Aggregate data pipelined from endpoint devices to detect anomalies & maintain effective software implementation.

Robotics Program Camp Manager

Greater MN

COR Robotics | Startup, Est. 2015, STEM & Robotics education

June 2021 – September 2022

- Managed 15+ STEM Classes & Camps for students with sizes of 30+ participants across Minnesota.
- Communicated progress with parents and community education reps to update constituents on a regular basis.

Cryptocurrency Farming (Mining) & Finance Programming

Becker, MN

Binder Investments LLC | Self-Employed, family business

January 2020 – August 2022

- Procured & constructed three cryptocurrency farm computers to produce Ethereum & Bitcoin with a 99% uptime.
- Wrote a lightweight coin tracker using MongoDB, ExpressJS, Twilio, & React in a NodeJS environment for price alerts.
- Managed operational and capital expenditures, resulting in a significant 400%+ capital increase from the initial investment.

Sales Team Member

Monticello, MN

Mills Fleet Farm | 37 store, Midwest-based retail chain

June 2019 – August 2021

- Sold customers products which directly led to cumulative purchases of \$20K+ in large equipment.

Technical Lead

Becker, MN

C.I.S. 4607 (FIRST Robotics)

June 2020 – July 2021

- Led Programming/Electrical teams responsible for the hardware and software components on the competition robot.

PROJECTS

My Carbon Score.

Minneapolis, MN

Tech Optimum Hackathon 2023 | [keeganm.net](https://www.keeganm.net)

August 2023

- Developed iPhone app in Swift & SwiftUI to score a user's environmental impact based on questions and suggest solutions.

CommunityCall MN

Minneapolis, MN

MinneHack Hackathon 2023 | [keeganm.net](https://www.keeganm.net)

January 2023

- Developed Flask, Tailwind, and SQLite app where users can search Minnesota Cities, contact officials, and form petitions.

Coding Forum Contribution

Remote

Stack Overflow & Github | [keeganm.net](https://www.keeganm.net)

October 2021 – Present

- Debugged and troubleshooted Python, Javascript, and networking concepts for over 50 members worldwide.

MISCELLANEOUS

Awards: Fall 2022 Dean's List, John A. Scott Scholarship, 2020 FRC Robotics World Dean's List Finalist

Soft Skills: Attention to Detail, Project/Time Management, Communication (Verbal/Written), Interpersonal, Critical-Thinking

Interests: Basketball, Golf, Water Sports, Fishing, Stock Market, Cryptocurrency, Marvel