Keegan Murphy

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

EDUCATION

University of Minnesota, Twin Cities - College of Science and Engineering   **Minneapolis, MN**
Bachelor of Science in Computer Science (3.5/4 GPA)   *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, React), CSS, HTML, Linux, GitHub.

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 and procure stock.
- Leverage Ivanti Neurons ITSM/ITAM software to track software assets and entitlements to maintain compliance.
- Aggregate data pipelined from endpoint devices to detect anomalies and 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 and 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 and constructed three cryptocurrency farm computers to produce Ethereum and Bitcoin with a 99% uptime.
- Wrote a lightweight coin tracker using MongoDB, ExpressJS, Twilio, and React in a NodeJS environment for price alerts.
- Accounted for operational and capital expenditures, resulting in a significant 400%+ return on 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 Python and Java software on the robot, resulting in placing at regionals.

PROJECTS

My Carbon Score   **Minneapolis, MN**
Tech Optimum Hackathon 2023 | keeganm.net   *August 2023*
- Developed an iPhone app in Swift and SwiftUI to score a user's environmental impact and suggest ways to reduce.

CommunityCall MN   **Minneapolis, MN**
MinneHack Hackathon 2023 | keeganm.net   *January 2023*
- Provided a platform made in Flask, Tailwind, and SQLite where users can engage with their local MN communities.

Coding Forum Contribution   **Remote**
Stack Overflow & GitHub | stackoverflow.keeganm.net   *October 2021 – Present*
- Debugged and troubleshooted Python, JavaScript, and infrastructure for 50+ members' projects 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