Brandon Hawfitch

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Education (3.47 Technical GPA)

Bachelor of Arts in Computer Science and Engineering, University of Minnesota Twin Cities
Bachelor of Arts in Theatre, University of Minnesota Twin Cities   May 2021

Technical Skills

Programming in:
C, C#, C++, Python, OCaml, Java, Javascript, HTML, CSS, SQL, Typescript, Ruby, Kotlin

Relevant Coursework:
Map-Reduce Models, Multi-Threaded Web Servers, Software Engineering, User Interface Design, CompTIA A+

Experience with:
3D Printing Technologies, Networking Principles, Signal and Satellite Applications, PC Assembly, Microsoft Office Suite, Functional Programming, Object-Oriented Programming, Server Technologies, Git, Agile Development, Android Studio Development, Unity Development, Python Django Framework

Dedicated Project Work:
Full stack web development, test-driven-development, Angular framework, Java Spring framework, Microsoft Azure, PostgreSQL, Android App Development

Personal Skills

Communication:
Clear, effective communication is key in any organization. Trust and honesty are integral to this, and must be practiced in order to produce effective teamwork.

Curiosity:
I want to pursue continuous education with the hopes of constantly improving my skill set.

Work Ethic:
The work I produce should always be worth being proud of. I aim to work effectively, and be proficient at my assigned tasks.

Employment Experience

University of Minnesota, Systems Analyst   November 2022-Present
- Develops website interfaces for a variety of research projects for the Human First lab
- Develops mobile applications for intelligent vehicles research projects
- Provides consultation for software engineering solutions

Cognizant Softvision, Software Engineer   June 2021-November 2022
- Mentored junior developers on project software architecture and functionality
- Engineered software solutions for full stack web applications
- Completed effective technical documentation that communicated complex topics and solutions
- Consulting with other team members from various departments and ensuring common understanding of project requirements and direction

Minnesota National Guard, Corporal   April 2015-April 2021

11B Infantryman   April 2015-July 2017

- Exercised teamwork, group leadership, and situational analysis. Operated network communication equipment, established base of operations, and maintained reporting hub.

25Q Senior Multichannel Transmission Systems Operator-Maintainer   July 2017-April 2021

- Led a small team (4) of network specialists charged with the task of installing, repairing, and operating various communication technologies. Maintained order of group project coordination. Required skills in electronics maintenance, technological security, and signal theory.

Server Technician   April 2019-May 2019

- Maintained server software and security, physically and digitally installed servers, and assisted in J6 operations. Tasks required understanding of server technologies and applications, as well as networking experience.

Volunteering Experience

Road2Hire, Tech Mentor   April 2022-September 2022
- Mentoring students in technical subjects relating to front end web development
- Conducting mock technical interviews
- Assisting with mentee assignments and offering general guidance in relation to coursework

Tingle Tech, Mentor   March 2022 - Present
- Mentors students in a wide variety of computer science fundamentals and applications
- Develops personalized curriculum for specific student goals
- Provides weekly lectures and project related coursework for students

University of Minnesota, [Mentor](#)   October 2023 - Present
- Assist mentees with achieving career-oriented goals
- Answer industry-related questions and ease the transition into the workplace