Blake Hokanson

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Objective

Seeking a challenging computer science research opportunity to expand my knowledge of computer science concepts further, obtain practical experience in the field, and contribute effectively to software development.

Education

Bachelor of Science - Major: Computer Science, Minor: Statistics   Minneapolis, MN

University of Minnesota Twin Cities   *Graduating May 2025*

Honors Program | College of Science and Engineering | 3.97 GPA

Courses: *Algorithms and Data Structures, Machine Architecture, Advanced Programming Principles, Computational Linear Algebra, Discrete Structures of Computer Science*

Skills

- **Languages:** Python, Java, JavaScript, TypeScript, C, R, oCaml, AHK
- **Frameworks:** Django, Flask, React, AngularJS, NodeJS, Pandas, NumPy
- **Tools:** PostgreSQL, SQLite, Jira, Asana, GitHub, Git, Figma

Experience

The Cigna Group   Minneapolis, MN

Software Engineer Intern   *May 2023 - Aug 2023*

- Software developer with an agile development team, actively participating in scrum ceremonies
- Contributed to the development of dynamic graphs and tables using AngularJS, and Typescript
- Worked alongside senior employees to streamline code and improve readability

Valleyfair Amusement Park   Shakopee, MN

Area Supervisor   *June 2021 - Aug 2022*

- Supervised the foods department, including 80 employees, 11 food stands, and $90,000 daily revenue
- Built a Python application to create a scheduling document, saving managers hours of work each day
- Trained 15 Team Leads in successfully managing each individual restaurant or food stand

Projects

Gopher Grades

- Developed a grade transparency website designed to provide students with past grade distributions for classes
- Deployed Chrome extension version to the Google Chrome store
- Serving over 2M+ queries, 30k+ unique users, 1.2k+ browser extension downloads

Project Signol

- Programmed framework to test stock day-trading strategies across 500+ stocks and ETFs
- Worked with experienced traders to backtest strategies over 10 years of data
- Currently live testing and notifying 1200 people of potential trades

Student Organizations

Social Coding General Officer - Treasury   *May 2023 - Present*

- Plan in planning weekly project meetings, workshops, and other events
- Manage group budget and submitted grant application requests

Honors and Awards

- **Eagle Scout:** The highest achievement and rank in Scouts BSA, for showing excellence in service and leadership
- **Dean's List:** Recognized each semester for achieving academic excellence and maintaining a consistently high GPA
- **AP Scholar With Distinction:** Achieved through scores and grades in seven AP classes