

Lucas Harrison

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EDUCATION

University of Minnesota, Twin Cities
College of Science and Engineering, Honors Program
Bachelor of Science, Computer Science
Cumulative GPA: 3.915
Gold Scholar

Minneapolis, MN
(Expected Graduation) May 2025

SKILLS

Strengths:

- Expanding skill in web development
- Understanding of Lower-level architecture

Languages:

- Best with Python, C, JS + HTML/CSS (React) - Experienced with Java, C++, Ocaml, x86-64 ASM, Node + Express, Mongoose, (Capable with Git)

NOTABLE PROJECTS

Personal Website, *Independent Project*

2023

- Used skills in JS and the React framework to build a personal website that displays some of my other projects
 - Continuously updated to reflect my progressing capability in web development
- Self-studied principles of web development for this endeavor

Space Explorers CPU, *CSCI 1933 Intro to Algorithms and Data Structures*

2022

- In collaboration with a partner, designed and implemented a computer controlled algorithm to best compete in a provided "Space Explorers" game.
- The strategy ran continuous multi-factored computations such as Dijkstra's algorithm to evaluate its next move to win control of different in-game planetary systems as represented by weighted graphs.
- After development, competed in a tournament vs the other highest-ranking student made algorithms

"Mini-tar" Utility, *CSCI 4061 Intro to Operating Systems*

2023

- Used knowledge of C programming to reproduce a POSIX-compliant utility capable of creating, modifying, and extracting, .tar archives
- Worked in a team of two using git to manage collaboration

RECENT WORK EXPERIENCE

Grandma's Saloon and Grill

Duluth, MN

Boxcar Crewmember

Summers '19, 21, 22

- Worked in teams of 3-6 over the summer to serve the Canal Park area ice cream and other concessions.

Super One Foods

Duluth, MN

Frozen/Dairy Dept. Stocking Associate

Summer 2022

- Worked with other stockers splitting up responsibilities to keep the frozen and dairy department shelves of Super One Foods Kenwood stocked.