Lucas Harrison

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EDUCATION

University of Minnesota, Twin Cities   *Minneapolis, MN*
College of Science and Engineering, Honors Program   (Expected Graduation) May 2025
Bachelor of Science, Computer Science
Cumulative GPA: 3.915
Gold Scholar

SKILLS

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

Languages:
- Best with Python, C, JS + HTML/CSS - Experienced with Java, C++, Ocaml, x86-64 ASM (Capable with Git)

NOTABLE PROJECTS

Personal Website, *Independent Project*   2023
- Used skills in HTML/CSS and JS to build a site displaying more of my other projects
  - Continuously updated to reflect my progressing capability in web development
- Self-studied principles of web development to build the skills behind 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 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

IN PROGRESS: "Mini-tar" Utility, *CSCI 4061 Intro to Operating Systems*   2023
- Using knowledge of C programming to reproduce an original POSIX-compliant tar utility to create archives from files, modify existing archives, and extract the original files back from an archive.
- Working in a team of two

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.