Hailey Hudson

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EDUCATION

New Mexico State University — Anticipated Graduation: December 2026
Bachelor of Science in Computer Science, Minor in Government — *GPA: 3.5*
- Relevant Coursework: Operating Systems, Data Structures, Software Development, Object-Oriented Programming

EXPERIENCE

Education Outreach Coordinator — May 2025 – Present
Young Women in Computing — *Las Cruces, NM*
- Oversaw all 3D printing projects for the camp, including designing models and managing printer operations
- Gained hands-on experience with Linux terminal and shell commands while troubleshooting 3D printer software/hardware
- Taught programming concepts, reinforcing my scripting and problem-solving skills

Barista — May 2022 – Present
Starbucks — *Las Cruces, NM*
- Responsible for making connections and creating positive moments with new and returning customers, providing exceptional customer service to prompt the company's mission
- Enhanced workflow by sustaining a clean and organized work space, while preparing stores for open or close
- Collaborated with fellow partners each shift to strategize and advance store performance

Member Service Representative — March 2021 – August 2021
Planet Fitness — *Las Vegas, NV*
- Answered calls with prospective and current members, going over membership options, facility amenities, and frequently asked questions
- Given tours to prospective members, reviewing different membership options, then assisted with signup and introduction to the fitness club
- Responsible for providing a welcoming environment for members, greeting them upon entry, as well as providing the highest level of customer service

PROJECTS

ThoughtBubble | *Java, Git* — January 2025 – May 2025
- Developed a full-stack application using with JavaFx as the front end
- Designed data visualization using Java and CSV Helper, implementing algorithms to analyze and present data trends

Compiler | *C, Yacc, Lex, Git* — January 2025 – May 2025
- Developed a compiler for a language that can call functions with parameters, if/else statements, and while loops
- Implemented a parser in C and Lex, gaining experience with systems programming, compiler design, and Linux-based toolchains

EXTRACURRICULAR

CAHSI Allyship | *Ally* — September 2024 – Present
- Collaborate with fellow Computer Science students to foster community in the department, along with outreach programs to help incoming students feel welcomed
- Engage in weekly meetings regarding professional development

SKILLS

- **Java** (3 years): Applied in coursework such as Data Structures (implementing complex algorithms) and Software Development (GUI based project with data visualization)
- **C/C++** (2 years): Applied in Object-Oriented Programming course to design and implement solutions
- **Python** (1 year): Developed Scripts to create 3D models using CADQuery