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: Human-Centered Computing, 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 with an emphasis on making computing engaging and approachable for beginners, reinforcing UX principles in education

Barista   May 2022 – Jan. 2026
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, skills transferable to user research and empathy-driven design
- 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

PROJECTS

Voice Reminders App | *React Native, TypeScript, Expo Go, Git, UX Research*   Sept. 2025 – Dec. 2025
- Designing and developing a cross-platform mobile app that allows users to record and receive voice-based reminders to improve daily organization and accessibility
- Conducted user testing and feedback sessions to refine interface layout, color accessibility, and notification usability
- Focused on intuitive interaction design and clean UI flow aligned with human-centered design principles

ThoughtBubble | *Java, JavaFX, 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

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

GMiS Data Analytics Challenge (3rd Place) | *Python, Pandas, Scikit-learn*   October 2025
- Collaborated with a team to develop machine learning models that forecasted and visualized complex data trends.
- Implemented and fine-tuned regression and classification algorithms to improve model accuracy

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