

Jacob Yepez

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EDUCATION

- **University of Colorado, Colorado Springs** Colorado Springs, Colorado
Bachelor of Science in Computer Science - Software Engineering Focus; GPA: 3.93; Expected December 2026
- **Seattle University** Seattle, WA
Bachelor of Science in Computer Science; GPA: 3.77 Sep. 2022 – June 2023

TECHNICAL EXPERIENCE

- **Eclipses** Colorado Springs, CO
Backend Software Engineer Intern June 2020 – July 2020
 - **Encryption:** Implemented a custom hashing algorithm to safely store and verify user login credentials in a database.
 - **Control:** Developed access control features to restrict sensitive web functionality to authenticated users.
 - **Integration:** Integrated front-end JavaScript with back-end Java services, optimizing data transfer for faster performance.

EXPERIENCE

- **Target** Colorado Springs, CO
Service and Engagement June 2024 – Present
 - **Flexible Roles:** Performed multiple roles and was flexible with needed roles. Communicated with team members to understand required duties.
- **Grazers** Williston, VT
Dishwasher Oct. 2023 – Jan. 2024
 - **Enforced Regulations:** Followed and enforced health code regulations in keeping cleanliness around the kitchen and in regard to dishes.
 - **Closing Duties:** Cleaned and set kitchen with cooks to be prepared for opening. Set all dishes back to their location around the kitchen for smooth operations the following day.
- **Fox in a Box** Seattle, WA
Game Master Feb. 2023 – June 2023
 - **Smooth Operations:** Cleaned and reset escape rooms with team members to ensure games were ran within 15 minutes of previous games ending.
 - **Fixed Malfunctions:** Fixed items that malfunctioned during game experiences without guest immersion being broken.
- **Walmart** Colorado Springs, CO and Williston, VT
Front-End Checkout TA July 2020 – Nov. 2021, June – September 2022 and 2023
 - **Service and Engagement:** Assisted guests with problems and ensured fast and smooth operations for maximum guest satisfaction.

PROJECTS

- **Overload Digest:** A Python-based GUI application that scrapes and displays 9 news sources with auto-scrolling functionality. Built with requests, BeautifulSoup, Selenium, and Tkinter.
- **Universal ROM Launcher:** Collaborated with another peer to develop a cross-language system (Python, TypeScript, HTML, and Rust) that detects and launches video game ROMs with their correct emulator from a singular interface.
- **Linux Backup:** Bash program with library support that backs up and gzips users documents to the root directory and maintains historical versions for recovery.
- **Random Heap Numbers:** A C++ based program with modular design (header, library, main file) that demonstrates heap memory allocation and number management.

PROGRAMMING SKILLS

- **Languages:** Python, C++, C, C#, Java, Bash, TypeScript, JavaScript, Rust, RISC-V
- **Technologies:** AWS, Node.js, Tauri2.0, Linux, MakeFiles, Selenium, BeautifulSoup, Tkinter, Django, LaTeX