

# Noah Ewell

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## OBJECTIVE

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Proactive computer science student with two-year degree seeking a full-time position in software development with a strong desire to learn new technologies and build on existing skills.

## EDUCATION

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### Weber State University

*Bachelor of Science in Computer Science*

Ogden, UT

*Expected Aug. 2024 - May 2026*

### Salt Lake Community College

*Associate of Science in Computer Science*

Taylorsville, UT

*Aug. 2021 - May 2024*

- GPA: 3.7

## PROJECTS

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### Arduino Claw Machine | C++ and Embedded Systems

Feb. 2024 - Apr. 2024

- Engineered and programmed an Arduino-based claw machine showcasing proficiency in embedded systems and learning unfamiliar technologies.
- Developed custom game logic and control algorithms in C++, optimizing machine efficiency and gameplay experience.
- Utilized Arduino microcontroller boards to control the machine's movements, lights, and sensors.

### Monopoly Simulation | Java

Aug. 2023 - Dec. 2023

- Developed a Monopoly simulation to analyze property landing probabilities over millions of turns.
- Implemented classic Monopoly rules, including jail strategies, chance, and community chest cards, effectively translating the physical board game experience into a virtual analytical tool.
- Utilized knowledge of data structures to significantly optimize the simulation's performance, enabling the handling of large-scale data with high efficiency and accuracy

### E-Commerce Shopping Site | HTML/CSS, PHP, JavaScript, MySQL

Aug. 2023 - Dec 2023

- Developed a functional e-commerce website that allows users to create an account, log in/out, browse products, and add them to their cart.
- Dynamically managed product in a user database using server-side logic.
- Enhanced user experience through intuitive design and seamless functionality.

## VOLUNTEERING

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### Programming Club President

Aug. 2023 - Present

*Salt Lake Community College*

*Taylorsville, UT*

- Steered a 127-member club to success with increased attendance by 25%, authored constitution, and led over 30 engaging meetings.
- Created and hosted Java Programming Challenges to enhance coding skills among peers, exposing members to object-oriented programming.
- Engaged in community volunteering events like SheTech and STEM-Fest to promote STEM education in the community.
- Enhanced club's structure, finances, and inclusivity, promoting professional growth, networking, and a strong, supportive community environment.

## TECHNICAL SKILLS

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**Languages:** Java, SQL, MIPS Assembly, PHP, HTML5, CSS3

**Frameworks:** JUnit, Node.js

**Developer Tools:** Git, VS Code, Visual Studio, Eclipse

## WORK HISTORY

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### Solutions Specialist

Apr. 2022 - Jun. 2023

*Verizon Wireless*

*Midvale, UT*

- Personally recognized by the Executive Vice-President and Chief Human Resources Officer for exemplary customer service and collaboration.
- Helped troubleshoot devices using an in-depth knowledge of Android and IOS operating systems.