

Zeb Moffat

Software Engineer

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Education

Arizona State University - August 2021-Present

Expected Graduation: May 2025

B.S. in Software Engineering

President's Award Scholarship, GPA: 3.81/4.00

Relevant Coursework: Introduction to Engineering, Object-Oriented Programming and Data Structures, Computer Organization and Assembly Language Programming, Design and Analysis of Data Structures and Algorithms, Software Enterprise: Personal Process and Quality, Operating Systems and System Programming

Ironwood Ridge High School

August 2017 - May 2021

Oro Valley, Arizona

GPA 3.85/4.00

Graduated with honors and awarded scholarships at ASU, U of A, and NAU. Advanced student of Math and English. Primary interests of H.S. studies included Science and Math. Achieved a 32 on the ACT and a 1360 on the SAT. Reach Gifted Student throughout Middle and High School. H.S. Basketball team player.

Skills

Technical: Java, C, JavaScript (React), HTML, CSS, Git, Scrum

Soft Skills: Team Oriented, Self Starter, Positive Attitude, Hard Worker, Dedicated

Projects

Portfolio: <https://zebmoffat.github.io/Terminal-Portfolio/>

Palette Picker | *HTML, CSS, JavaScript, React*

<https://zebmoffat.github.io/Palette-Picker/>

- Palette Picker is a React-built frontend website built during the Sunhacks Fall 2023 Hackathon
- User can request a random five color palette or suggest a color that will return five colors

Assembly Palindrome Checker | *MIPS Assembly*

- Users can enter a phrase and the program will check if it is a palindrome.
- Capitalization and spaces ignored. Multiple phrases allowed. Phrases are separated by a period character.

Contacts Application | *HTML, CSS, JavaScript, React*

<https://zebmoffat.github.io/Contacts-App/>

- A front end web application created using React.
- Users can add and clear contacts. Maps an array of contact objects stored in local storage.

Relevant Experience

Sunhacks Fall 2023 Hackathon

- Collaborated within a team environment to create a random color palette generator and storage functionality utilizing an external API.
- Demonstrated proficiency in utilizing Git for version control, ensuring efficient collaboration and streamlined project management.
- Applied problem-solving skills to troubleshoot and optimize JSON-based API interactions, contributing to the overall success of the project.

Remotasks Freelance Coder

- Evaluated and ranked responses to code-related prompts, demonstrating an eye for detail and a strong understanding of coding principles.
- Provided insightful feedback on why one code solution surpassed another.
- Delivered high-quality evaluations, contributing to the improvement of Artificial Intelligence.
- Developed proficiency in assessing and comparing code submissions.