

Jason Zamora

jasonzamora5656@gmail.com / 801-403-1689 / Salt Lake City, UT

[Portfolio](#) – [GitHub](#) – [LinkedIn](#)

Summary

Interdisciplinary engineer, experienced in software and mechanical engineering. The most experience lies in web development using JavaScript and React. Outside web development there is also experience in robotics using Arduino and MATLAB. Although software and mechanical engineering may be unrelated, they represent the ability to wear many hats and have a fluid role in the engineering process.

Skills

- Languages: JavaScript, Java, C, MATLAB, and Python
 - Misc: Node.js, Redux, SQL, HTML, CSS, and Tableau
 - Source Control: Git
 - Frameworks: React, Express.js, Mocha, Jest
 - Game Engines: Unity and Unreal
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Experience

E

Tools: Unity, C#

This 2D platformer focuses on a pressured playing experience built with C# and Unity. The game is designed for the player to grab a trophy that's at the end of each level to progress through the game. Each enemy is designed to have different movement and there are obstacles that the player has to clear. There's also collectibles that are implemented into each level that allow for a player to challenge themselves, with points awarded to those who collect them.

Portfolio

Tools: JavaScript, React, HTML, CSS, Sass

The portfolio is a single page application made using React and React Router. The portfolio is designed to be responsive to multiple devices. The web app styles components using CSS modules. Specifically, the home page makes use of a SCSS file and the projects page uses vanilla CSS. Each page has it's unique design and the cards for each project are custom made.

Ecomm

Tools: JavaScript, Node.js, Express.js, HTML, Bulma.css

Ecomm is a multi-page web application that uses Node and Express for the backend and vanilla JavaScript for the frontend. The web app implements authentication and verification of users. There is an admin page where the admin can manage any products of their liking. When the admin adds a new product, the website is designed to let them add an image and price to the product.

Education

Mechanical Engineering BS

University of Utah

Expected 2025

Computer Science Minor

University of Utah

Expected 2025