
Caleb Zhou

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A hardworking computer science graduate with strong coding, design, and full-stack development skills. Currently searching for in-person or remote positions and open to relocation.

Education - University of Central Florida (8/2020 - 12/2022)

- B.S. in Computer Science, 3.75 GPA
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Skills and Abilities

- Programming skills in JavaScript, HTML, CSS, Java, C, C++, C#, and Python
 - Experienced in MERN stack application - MondoDB, Express, React, and Node.js
 - Proficient in Github, Figma, Adobe Photoshop, and Adobe Illustrator
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Experience

TechThinkTank – 5/2022 - 12/2022

Description: I partnered with the company Think Tech Tank to create a Microsoft Outlook add-on to help businesses block unwanted spam. This data is then sent to a social media website that my team created.

- Prototyped the website using Figma and created the front-end using Tailwind CSS and React.
- Helped connect the API calls between the React front-end and Amazon DynamoDB.
- Used the Apex Chart library to display all statistics from the Microsoft add-on to the website.

Determination Destination - A Unity Game – 8/2022 - 12/2022

Link: <https://optic57.itch.io/determinationdestination>

Description: Determination Destination is a space-themed puzzle mining game.

- Used Unity 2021.3.10f1 and C# to create game mechanics, including: the inventory, stamina recovery, bartering system, fog of war, digging mechanics, item and enemy physics, dialogue tree, upgrade mechanics, loading zones between levels, and the pause/start/end screen.
- Designed many of the accompanying UI elements to the mechanics above as well the overall design of two levels of the game.
- Used Perforce to manage and share code between team members.
- Added music and sound effects to the game.

UCF Marketplace Website – 3/2022 - 5/2022

Description: I created a student marketplace with buying, selling, and sorting capabilities.

- Ideated the concept for a website of market listings with a team.
- Helped set up the outline of the database and frontend using MERN stack.
- Created the front-end using React, Bootstrap, and CSS and helped connect the back-end of the Firebase database to the front-end when transferring from MongoDB.