

Brian Ventura

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EDUCATION

University of California, Irvine | *B.S. in Computer Science*

Expected June 2022

- GPA: 3.4/4.0
- Relevant Coursework: Discrete Math, Linear Algebra, Data Structures, Design and Analysis of Algorithms, Information Retrieval, Artificial Intelligence, User Interaction Software, Data and Web Applications

SKILLS

- Coding Languages (*Proficient*): Python, Javascript
- Coding Languages (*Familiar*): Java, C++, C#, React.js
- Software and Tools: VSCode, PyCharm, Unity, MySQL, MongoDB, AWS

PROJECTS

Fabflix | *Web Application created with Java and AWS*

September 2021 - December 2021

- Developed a full stack website allowing users to search for movie data with additional features to add movies to a shopping cart, as well as creating and logging in with an account
- Implemented recaptcha and data caching to further improve security and overall user experience
- Used Javascript for the front end, Java and MySQL for the backend, as well as utilization of AWS to deploy the application

SnoutBout | *Unity (C#) Application*

September 2021 - December 2021

- Utilized C# for backend logic, Unity for designing and handling simple frontend logic to create a functional 2D game
- Delegated tasks to a group of six people over the course of two months allowing for continuous implementation to the game and increase in quality of the final product

Group Memories | *Web Application created with React and MongoDB*

August - September 2021

- Developed a full stack web application designed to create and share posts and images, further adding additional features allowing users to manage groups for post visibility
- Utilized MongoDB for data storage, React for frontend, and designed the application with css and Semantic UI to create an overall better user experience

Covid-19 Simulator | *Web Application created with React* | <https://github.com/brianv212/covid-sim-1>

March 2021

- Created a React web application to inform users of the dangers of disease spread, maintaining a simple design and presentation of the concept to appeal to a wide range of audiences
- Collaborated with two teammates over the course of one weekend, assigning tasks and following a waterfall model to utilize our skills and time

WORK HISTORY

7 Leaves Cafe

July 2019 - Present (Seasonal)

Team Member | San Jose, CA

- Demonstrated cooperation and communication skills with coworkers, which contributed to positive team environments
- Efficiently took orders, made drinks, and served over 200 customers each shift

OTHER SKILLS AND INTERESTS

Languages: English (Fluent), German (Elementary proficiency)

Interests: Video Editing, Playing Musical Instruments, Baking, Web Design