CHRIS SERRAO

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Website: uvrays123.github.io/website/

EDUCATION

University of Massachusetts Amherst, *Amherst, MA*
Sept 19 - Present
B.S. in Computer Science, GPA: 3.93/4
Relevant Courses: Introduction to Problem Solving with Computers, Programming with Data Structures, Programming Methodologies, Introduction to Computation and Discrete Mathematics, Calculus, Multivariate Calculus, Computer Systems Principles, Linear Algebra

TECHNICAL PROJECTS

DOM Game *Mar 20-April 20*
- Built a simple 2 player dice game. It works on the principles of DOM Manipulation
- It uses basic HTML, CSS and JavaScript
- The Project can be accessed here: https://github.com/uvrays123/DOM-Project
- The Demo of the Project can be accessed at: https://uvrays123.github.io/DOM-Project/

Budget Calculator *April 20-May 20*
- Built a Budget Calculator that calculates the monthly budget of a user. It is built using HTML, CSS and JavaScript.
- The Budget Calculator sorts the incomes and expenses of the user for the respective month.
- The Project can be accessed here: https://github.com/uvrays123/Budget-Controller
- The Demo of the Project can be accessed at: https://uvrays123.github.io/Budget-Controller/

Forkify- A Recipe Finder *May 20-June 20*
- This recipe finder application uses API's as a database for all the recipes. I
- It is build using HTML, CSS, Modern JavaScript and AJAX. It displays recipes according to a user's search.
- It also has features such as favorites and shopping list which are saved for the user's next visit.
- The Project can be accessed here: https://github.com/uvrays123/Forkify-Recipe-Finder
- The Demo video of the Project can be seen on my website: https://uvrays123.github.io/website/

Tic Tac Toe AI *June 20-July 20*
- Built a Tic Tac Toe game using the Minimax Algorithm.
- Tic Tac Toe computer algorithm also uses Alpha-Beta pruning to improve efficiency. It is built using React.
- The Project can be accessed here: https://github.com/uvrays123/Tic-Tac-Toe-AI
- The Demo of the Project can be accessed at: https://uvrays123.github.io/Tic-Tac-Toe-AI/

Unsplash Images- Clone *July 20-Aug 20*
- Built an Unsplash Images application clone using the Unsplash Images public API.
- The designing of the project is done in React. This project is linked to the API in the back-end using AJAX.
- The Project can be accessed here: https://github.com/uvrays123/unsplash-images-clone
- The Demo of the Project can be accessed at: https://uvrays123.github.io/unsplash-images-clone/

Youtube- Clone *Aug 20-Sept 20*
- Built a Youtube clone using the Youtube public API.
- The designing of the project is done in React. This project is linked to the API in the back-end using AJAX.
- The Project can be accessed here: https://github.com/uvrays123/youtube-clone
- The Demo of the Project can be accessed at: https://uvrays123.github.io/youtube-clone/

SKILLS

Technical: Java, HTML, CSS, JavaScript, React, AJAX, C
Database Management: CouchDB, MinIO
Extracurricular: Music (3rd Grade Theory and 1st Practical from Trinity College of London in Piano)