CHRIS SERRAO

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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

TECHNICAL PROJECTS

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/

Forkify- A Recipe Finder   *Mar 20*-**Jun 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/

Budget Calculator   *Mar* **20-Jun 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/

DOM Game   *April* **20-Mar 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/

SKILLS

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