

Sreya Sarathy

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EDUCATION

University of Wisconsin – Madison

BS in Computer Science and Data Science with a minor in Economic Analytics

Cumulative GPA: 3.55/4.0 (Junior Standing)

Honors: Dean's List Spring 2022, Dean's List Fall 2022

Clubs: Girls Who Code Madison and Swim Club UW

Relevant Courses: Programming I/II/III, Introduction to Computer Engineering, Elementary Matrix & Linear Algebra, Calculus II, Calculus III: Multivariate Calculus, Discrete Mathematics, Intermediate Microeconomic Theory.

SKILLS:

Programming Languages: Java, HTML, CSS, JavaScript, Node, React, MongoDB, Web3, SQL

Concepts: Object Oriented Programming, Version Control, GUI Implementation, Express.js with node.js, React.js, Introductory Machine & Assembly Language Programming.

Programming Environments: Eclipse, IntelliJ, Visual Studio

Certifications: Introduction to Game Design & Cyber Security - CodeAcademy, Java Programming Masterclass - Udemy, The Complete Web Development BootCamp - Udemy, Introduction to Computer Science - HarvardX.

RELEVANT PROJECTS:

Student Data Base Management System:

January 2023 – Present

- Developing a student database management system for Priya Math Academy using HTML, CSS, JavaScript, SQL and Node.js.
- Designing & implementing the user interface using HTML & CSS, implementing the frontend logic using JavaScript.
- Utilizing Node.js to connect the frontend to the backend to store & retrieve student data from a database.

Restaurant Tip Calculator:

November 2022 – December 2022

- Developed a web application to calculate the tip which should be given at restaurants based on the user's experience at the restaurant.
- Used HTML and CSS to create a responsive & user-friendly interface. Utilized JavaScript to implement the frontend logic and interactivity, including form validation & real time calculations.

Course Projects:

February 2022 – May 2022

- Completed 10 weekly projects using Object Oriented Programming, Generic & Abstract Data Types, Algorithm Analysis, Recursion, Sorting & Search, Binary Search Trees, Lists & Iterators, Stacks, Queues & Heaps using Java.

WORK EXPERIENCE:

Fluno Center For Executive Education

Madison, WI

Front Desk Admin

August 2022 – Present

- Greeting visitors and clients. Answering and directing phone calls. Scheduling appointments and meetings. Managing information flow, filing and data entry.

The Reap Benefit Foundation

Bangalore, India

Tech Intern

June 2022 – August 2022

- Developed interactive surveys, forms & quizzes using HTML, CSS, and SQL to gather information regarding local civic problems in the city. Analyzed the data collected using data visualization to help the foundation develop a viable solution.

Priya Math Academy

Bangalore, India

Website Developer and Admin

May 2020 – August 2021

- Designed and developed the website for Priya Math Academy using HTML, CSS, JavaScript and WixCode. Helped move the business online to the GSuite during the middle of the pandemic.