

SURAJ SOMARAJAN

(669)-204-9415 surajsomc@gmail.com [linkedin.com/in/suraj-somarajan21](https://www.linkedin.com/in/suraj-somarajan21)

EDUCATION

University of Wisconsin-Madison

B.S. Computer Science

Madison, WI

September 2021 – May 2024

- **Relevant Courses:** Discrete Math, Intro to AI, Computer Engineering, Data Structures and Algorithms, Calculus 1 and 2, AP Statistics, Intermediate Macroeconomics, Machine Organization and Programming, and Programming 2/3.

PROJECTS & OUTSIDE EXPERIENCE

Website Development: [VAmaze](#)

San Jose, CA

Internship Project

September 2022 – Present

- Currently designing a website using HTML, CSS, and JavaScript. Implemented responsive design and accessibility features to ensure compatibility with a wide range of devices and browsers using React.js. Utilized the AWS Amplify, LightSail, and Route 53 tools to deploy the website.

MLH Mad Hacks Project: Round-Up Savings Mobile App

San Jose, CA

Hackathon Projects

March 2023

- Used React-Native to develop a Mobile App to create a Round Up Banking App that automatically takes round up money and uses it for donations based on the users permissions for a hackathon. Deployed a database using PostgreSQL and AWS RDS. Collaborated with teammates using Git and GitHub for the version control of the program.

Discord Music Bot

San Jose, CA

Personal Projects

August 2019 – June 2021

- Used Discord's js library to interact with the Discord API to create a discord bot that plays music within a given voice channel. Utilized Node.js while working on the bot.

Flight Records Project

San Jose, CA

School Project

January 2022 – May 2022

- Used Dijkstra Algorithm while also reading a json file with flight records to find the cheapest, shortest, and most time efficient flights using Java. Also collaborated with other students and helped manage the Data Wrangling portion of the project.

ACTIVITIES/PROFESSIONAL EXPERIENCE

Software Development Club

Madison, WI

Member

September 2021 – Present

- Collaborating with peers to improve knowledge of both Backend and Frontend Programming.
- Worked on coding projects involving Web Scrapping, Website Design, and Mobile Application Design

Robotics

San Jose, CA

Programming and Subsystems member

August 2017 – May 2020

- Learned the utilization of mechanical tools to help assist in building ball shooters and other features of the robot.
- With the use of Robotics API's helped program the code behind the driving mechanism of the Robot using Java.
- Supported the team with winning the Imagery Award at the Central Valley Regional

Nike

San Jose, CA

Sales Associate

May 2022 – August 2022

- Coordinated and worked within the 4 different sales fields of Nike to both organize and sell Nike products.
- Developed Marketing skills through interactions with customers and performing to reach the sales goals for the day.

Certifications

Machine Learning, Coursera course provided by Stanford University

San Jose, CA

May 2020 – Present

ID Tech Artificial Intelligence and Machine Learning course

San Jose, CA

June 2018 – Present

SKILLS & INTERESTS

Skills: Data Structures and Algorithms, Frontend Technology, Java, C, C++, Python, Machine Learning, AWS, Azure, Google Cloud, CSS/HTML/JavaScript, Sales, SQL, Git, React.js, PostgreSQL, Cloud Native, Cloud Computing, React-Native, WordPress, Web Development, Mobile App Development, MongoDB, Express.js, Tailwind, GitHub

Interests: Anime, Investing, App Development, Music Production, Video Editing, Basketball, Video Games

Languages: English (native), Spanish (intermediate), Malayalam (native)