Madhav Malladi

madhav.malladi25@gmail.com | (925)-640-5791 | LinkedIn: madhav-malladi | GitHub: madhavmalladi

EDUCATION

Rutgers University-New Brunswick   **New Brunswick, New Jersey**
Bachelor of Science (B.S.) in Computer Science   *Expected Graduation, June 2028*
- o   Relevant Coursework: Data Structures, Principles of Computer Science, Introductory Linear Algebra(w/ MATLAB)

Dougherty Valley High School   **San Ramon, California**
High School Diploma   *Graduated June 2024*
- o   Relevant Coursework: AP Computer Science A (5), AP Calculus AB(5) & BC(5), AP Statistics (5), AP Physics C: Mechanics (4), VS.Net(C#) Programming
- o   12 AP Courses
    - o   2x AP Scholar with Distinction (2023 & 2024)

De Anza College   **Cupertino, California (Online)**
Dual Enrollment Coursework   *March 2023 - March 2024*
- o   Coursework**:** Beginning Programming Methodologies in C++, Python Programming, Introduction to Data Science, iOS Development

EXPERIENCE

FIRST Robotics Team #9125   **Livermore, California**
Lead Software Programmer and Team Technician   *Sep 2022 – Apr 2024*
- Coded my team's robot using Java object-oriented programming, utilizing numerous libraries including REV Robotics and Limelight cameras
- In charge of making quick changes to our code based on the team gameplan
- Team Qualified for 2023 World Championships
    - o   Winners of the 'Rookie Highest Seed' award at Milstein Division
- Skills/Tools: Java, Visual Studio Code, Git, Teamwork/Collaboration

Polygence   **San Ramon, California (Remote)**
Student Researcher   *July 2023 – July 2024*
- Completed a machine-learning and statistical analysis research project
- Coded a machine-learning model to predict the All-NBA teams of a season given all players' statistics for that season

PROJECTS

ReLU Activation Function to Predict All-NBA Teams (Medium Article / GitHub**)**   *July 2023 – July 2024*
- Coded a ReLU activation function to predict the All-NBA teams given all players' statistics for a given season.
- 98.94% Test Accuracy
- Skills/Tools: Python (NumPy, Pandas, Matplotlib), Jupyter Notebook, Data Analysis, Machine Learning

Personal Portfolio Website   *June 2024*
- Skills/Tools: HTML, CSS, JavaScript, Visual Studio Code

SKILLS

Programming: Java, Python, C++, C#, Swift, HTML, CSS, JavaScript
Tools: Git, Jupyter Notebook, Visual Studio Code