

Eashan Daram

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EDUCATION

Novi High School | Class of 2025

Unweighted GPA: 3.9545 | **Weighted GPA:** 4.4318 | 10 AP Classes, 1 IB Class, 1 Honors Class

Related Coursework: Computer Programming I, Computer Programming II, AP Computer Science A

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, R

Frameworks: React.js, React-Native, Flask,

Databases: MongoDB, MySQL, MariaDB, SQL-Lite

Other: TensorFlow, Keras, Electron.js, Google API, Node.js, Expo

EXPERIENCE

AI Engineer *Radical AI* | June 2024 - Present

- Working on an AI that specializes in education and providing a AI tool for teachers
- Gaining experience in langchain and generative AI technology

Java Tutor | August 2023 - September 2023

- Teaching a FTC Robotics student who was having a hard time understanding concepts
- Created engaging presentations, created lessons plans, and assigned projects

PROJECTS

X-Ray Vision AI | *Python, Flask, HTML, CSS, JavaScript, TensorFlow, Keras, PyCharm* | January 2024 - Present

- Developing a website application to detect as many diseases as possible from X-rays, CT scans, and other medical imaging using AI. Additionally, worked in a team of 3 with hopes of releasing the application in the Healthcare industry
- The application can currently diagnose 8 diseases including Tuberculosis and Brain Cancer with 85%+ accuracy
- Competed in the HOSA Medical Innovation Competition and we qualified as a top 36 innovation at ILC (national) level

SWAMP Scouting Data Collection App | *React-Native, SQL-Lite, Node.js, The Blue Alliance API* | January 2021 - Present

- As part of the robotics programming team, I worked on data collection pages for autonomous robot game, data maintenance, QR code data transfer, change match video directory page, match video selection page from file directory, data validation via API callbacks from The Blue Alliance, and testing and fixing bugs
- Worked on 3 versions of the Application (SWAMP 5, SWAMP 7, SWAMP 9)

TimeSaver Project | *React.js, Django, Google Calendar API, Visual Studio Code* | November 2023 - December 2023

- Time management website application with the purpose of eliminating procrastination in the lives of students
- Features include calendar, to-do list, and schedule generator that builds a schedule for each day based on Calendar events and your to-do list. Hoping on implementing AI elements in the future

PCS (Patient Conveyor System) Mobile App | *React-Native, SQL-Lite, Google Maps API* | December 2022 - April 2023

- Mobile app that works along with patient conveyor system innovation.
- The focus of the application is to assist bed-ridden patients in getting proper medical healthcare
- Features of the app include appointment reminder, appointment scheduler, EMS tracker, etc.

SPartner | *React-Native, HTML, CSS, JavaScript, Email.js, Google Maps API, MongoDB* | May 2024 - July 2024

- Developed a cross platform (website & app for Android and IOS) application
- The project was a solution for the FBLA coding and programming competition prompt, consisting of viewing and filtering information for the Department of Education
- Qualified for NLC (National Level)

ACTIVITIES

FIRST Robotics Frog Force #503 | *Varsity Robotics, Scouting App Technician Lead, Java Workshop Co-Lead* | August 2021 - Present

- Member of the programming team, specifically working on data collection. Additionally I help mentor FLL and FTC teams

Shooting Stars Foundation | *Director of Technology, National Board Member, DHDC Entrepreneurship Camp Lead* | May 2021 - Present

- Organization aims at expanding STEM into non privileged communities, and raise money for education

Other: MIDAS Data Science & AI Camp, GenCyber Cybersecurity Camp, JV Tennis, HOSA, FBLA, Varsity Quiz Bowl