

Prabhat Jain

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EDUCATION

University of Maryland

Bachelor of Science in Computer Science, Minor in Computational Finance

Maryland, MD

Aug. 2023 – May 2027

Team AlbRT - Gemstone Honors Program

- Developing a innovative haptic and audio based system to help people with vision impairments navigate their daily lives more safely and comfortably
- Working with Project Aria and ARK (Aria Research Kit) to build a database and construct a working algorithm for object detection and classification before integrating it with an audio/haptic system

Maryland Men's Crew | V1 8+

- Acquired a sponsorship from LMNT while serving as the Fundraising Coordinator of the team from Nov. 2024 – Present
- Worked with Maryland Men's Crew Alumni to establish a culture of alumni engagement as the Alumni Relations Chair of the team during Nov. 2023 – Nov. 2024
- Placed 2nd at the 2024 Head of the Schuylkill, 1st at the 2024 Mid Atlantic Collegiate Crew Championship

Coursework: Organization of Programming Languages, Algorithms, Introduction to Computer Systems, Object-Oriented Programming, Discrete Structures, Calculus III, Introduction to Linear Algebra

TECHNICAL SKILLS

Languages: Python, Java, C, OCaml, JavaScript, TypeScript, HTML/CSS, R

Frameworks: React Native, Vue 3, Node.js, Material-UI, FastAPI

Developer Tools: Git, Vercel, Linux, Visual Studio, Figma, Eclipse, Matlab

Libraries: Pinia, NumPy

EXPERIENCE

Web Developer Intern

SRASYS Inc.

May 2019 – Feb. 2021

Ellicott City, MD

- Developed intuitive and user-friendly UI/UX designs using Figma tailored to the client's requests
- Guided my team as the project lead to finish and deliver websites
- Collaborated with my highschool alumni and local businesses to adopt new team tasks

PROJECTS

StravaScape *Work in Progress* | *Vue 3, Pinia, Vue Router, Tailwind CSS, Strava API* Jan. 2025 – Present

- Building a full-stack web application that allows users to import activities, select workout metrics, and generate aesthetic overlays with custom backgrounds
- Implemented Strava OAuth to get data from user's workouts
- Leveraged Vue 3 and Tailwind CSS to create a seamless user experience

Website for Radix Childcare | *JavaScript, CSS, HTML*

Nov. 2024 – Present

- Developed a responsive website for Radix Childcare using React.js
- Implemented an intuitive and user-friendly design
- Working on integrating a back-end to incorporate an admin-login system for direct interaction and seamless updates

Personal Portfolio | *JavaScript, CSS, HTML*

Nov. 2024 – Jan. 2025

- Developed an interactive personal portfolio using React.js and deployed using Vercel
- Implemented a SPA (Single Page Application) design for improved user experience, offline functionality, and faster loading times