

# Prabhat Jain

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## EDUCATION

### University of Maryland

College of Computer, Mathematical, and Natural Sciences  
*Bachelor of Computer Science and Major in Finance*

College Park, MD

**Cumulative GPA: 3.85**

Expected Graduation: May 2027

### Gemstone Honors Program - Team AlbRT

- My team is focusing on helping people with vision impairments through an audio based system that can see and narrate physical surroundings to not only help detect possible threats but also help them live their daily lives more comfortably.
- We are currently working on a literature review analyzing smart technologies like cameras and glasses that are already under development as well as working with past Gemstone Program teams that conducted any research relevant to our project.
- We completed a full proposal analysing the Real-Time Assistive Solution for Accessible Navigation with a User-Centered Approach.
- We also fundraised \$1,100 during Giving Tuesday to begin our initial prototype development phase in Spring 2025.

## PROFESSIONAL EXPERIENCE

### SRASYS Inc.

*Web Design Internship*

Ellicott City, MD

May 2019 — Feb. 2021

- Earned PCEP and CompTIA Linux+ Certifications over the duration of the internship
- Delivered finished websites tailored to mentor and user requests
- Guided research team as the project leader to finish assignments by deadline and produce fully fledged presentation on the research
- Collaborated with mentors and alumni's of my highschool to adopt new team tasks

## Projects

### StravaScape \*Work in Progress\*

- Repository: <https://github.com/prabrat/StravaScape>
- A Vue 3 application that connects to Strava, allowing users to import activities, select workout metrics, and generate aesthetic overlays with custom backgrounds.
- **Tech Stack:** Vue 3, Pinia, Vue Router, Tailwind CSS, Strava API integration

### Personal Portfolio

- Repository: <https://github.com/prabrat/personal-portfolio>
- A responsive personal portfolio using React.js which features a user-friendly SPA (Single Page Application) design deployed using Vercel. It displays my past and current projects, as well as a link to my resume.

### Radix Childcare

- Repository: <https://github.com/prabrat/radix-web>
- Developed a responsive website for Radix Childcare using React.js. The front-end is fully implemented, featuring an intuitive and user-friendly design. Currently, I am working on the back-end to integrate an admin login system, enabling direct interaction and seamless updates to the website.

## EXTRACURRICULARS

### Maryland Men's Crew

- Varsity Lightweight 8+
- Alumni Relations Chair, work closely with University of Maryland Men's Crew Alumni to establish a culture of alumni engagement throughout the team
- Placed 1st at Mid Atlantic Collegiate Crew Championship
- Placed 2nd at the Head of the Occoquan

## SKILLS & ACTIVITIES

**Skills:** Python, JavaScript, TypeScript, React Native, MATLAB, Autodesk Fusion 360, Microsoft Excel/PowerPoint

**Involvement:** Men's Maryland Crew Athlete & Alumni Relations Chair, Leatherbacks Member

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