

# Sachin Naraparaju

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## EDUCATION

**University of Maryland**, College Park, MD

Bachelor of Science - Computer Science

Minor in Philosophy and Business Analytics

College Park Scholars: Science, Technology and Society Living and Learning Program

Expected Graduation May 2025

*Cumulative GPA: 3.92/4.0*

- Selective 2-year living learning program built on exploring the powerful social, ethical and political relationships that drive research and innovation.

**Relevant Courses:** Object-Oriented Programming, Discrete Structures, Introduction to Computer Systems, Algorithms, Organization of Programming Languages, Linear Algebra, Applied Probability and Statistics, Data Structures

## WORK/LEADERSHIP EXPERIENCE

**EXL** | Lambertville, New Jersey

June 2022 – August 2022

*Data Science Intern*

- Conducted comprehensive analysis and developed models using National Consumer Credit and Demographic data to create 3 response and conversion models, contributing to the implementation of direct-to-consumer marketing solutions for insurance and banking.
- Applied SAS to execute linear regression models on large-scale data sets comprising 1,500,000+ records and 700+ variables, optimizing predictive accuracy and enhancing decision-making processes.
- Summarized findings in 2 comprehensive campaign reports, providing actionable recommendations to enhance marketing strategies and maximize conversion rates.

**Connected Foundation** | College Park, Maryland

September 2021 – June 2022

*Co-Director of Tech Literacy*

- Built and designed a comprehensive suite of 25+ Tech Literacy Materials, delivering impactful workshops to senior centers nationwide, effectively equipping and empowering over 500 volunteers.
- Collaborated with a team of 8 on developing a Technology Portal with SCAN Healthcare using WordPress and AWS capable of handling and matching 1000+ users.
- Forged strategic relationships with 10+ local senior centers in Maryland and New Jersey, expanding access to technology resources by 50% and enabling 200+ seniors to learn new digital skills.

## PROJECTS

**Personal Portfolio Website ([sachinnarap.com](https://sachinnarap.com)) - Personal Project**

- Designed and developed a responsive personal portfolio website from scratch, showcasing my skills and projects.

**Prodigy AI – Personal Project**

- Engineered a Software as a Service (SaaS) AI platform featuring robust user authentication and a flexible integrated payment system with tiered plans, which empowers users by providing advanced features like AI image, video, and music generation, as well as coding and chat assistance tools.
- Tech Stack: Leveraged the latest technologies, including Next.js, React, Node.js, TypeScript, Tailwind CSS, Prisma, Stripe, and MySQL to ensure a high-performance and scalable application.

**Stock Correlation (Hackathon Award Recipient) – Personal Project**

- Worked with team of 3 to web scrape data from 1,000+ posts from investing/stock subreddits and applied Natural Language Processing and Sentiment Analysis to track the sentiment from users on trending stocks. Stored 100+ stocks using MongoDB ATLAS and applied HTML/CSS to visualize the data
- Tech Stack: Python, PRAW, NLTK, Flask, MongoDB Atlas, HTML/CSS

## ACTIVITIES/HONORS

**Activities:** CPSIG - (Personal Finance Club), Big Think AI (Machine Learning Projects)

**Honors:** Phi Kappa Phi Honor Society, 4x Dean's List, Eagle Scout

## SKILLS

**Technical Skills:** Java • Python • C • Ocaml • React • JavaScript • HTML/CSS • NodeJS • ExpressJS • SQL • MongoDB • Git

**Interests:** Basketball, Soccer, Philosophy, Art