

Priya Nayak

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

May 2025

Bachelor of Science in Computer Science

Honors: Dean's List, Zell Miller Scholarship

Relevant Coursework: Data Structures & Algorithms, Software Development, Applied Linear Algebra, Discrete Mathematics, Multivariable Calculus, Computer Organization & Program, Intro to Artificial Intelligence, Machine Learning

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, PHP, BASH, JavaScript, SQL, HTML, CSS, Assembly

Operating Systems: Linux, Unix, IntelliJ IDEA, Docker, Git, Microsoft Office Suite

WORK & OTHER EXPERIENCE

Technology Security Intern

May 2023 – December 2023

Southern Company, Atlanta, GA

- Developed 10+ websites on a **Ubuntu** server hosted on AWS, utilizing **Apache Tomcat** for backend functionalities and React for frontend interfaces, leveraging a stack that included HTML, CSS, PHP, and MySQL for the Red Team.
- Executed vulnerability assessments by running IP scans on Tenable, generating detailed CSV reports in Excel for 40+ BMC remedy tickets.
- Built 170+ repositories for RC4 encryptions and analyzed DNS, IP, and VPS scores across 20+ cases to identify network vulnerabilities, and utilized Splunk for monitoring and analyzing system logs, enhancing overall security measures by 30%.

Website Management Intern

May 2020 – June 2020

Milan Global, Boston, MA

- Administered and collaborated with a 6 people team to develop a website for Milan Global, accelerated by the Harvard Innovation Lab, utilizing HTML, CSS, and WordPress.
- Optimized the website's SEO using various techniques like having an apt URL, and adding alt text to all the images.

PROJECTS

Healthcare Chatbot, Personal Project

March 2024

- Developed an intelligent healthcare chatbot using Python, leveraging OpenAI and ChatGPT APIs for natural language processing and interactive responses.

WatchDawgs, University of Georgia

Feb. 2022

- Built an extension using Java that incorporates various APIs and Twilio software for UGAHacks 7 using IntelliJ IDEA.
- Implemented features such as **facial recognition** to detect the number of spectators on camera, triggering immediate alerts via SMS.

Help for Health, 3rd place prize

Oct. 2020

- Collaborated to develop a website using Java for backend functions and Weebly for frontend functions.
- Provided resources to the location of the nearest hospital, donors, medical stores, etc to patients to navigate their journey and aid them in their fight against the disease.

CAMPUS & COMMUNITY INVOLVEMENT

New Chapters, *Founder of Non-Profit*, Alpharetta, GA

May 2020 – Present

- Mentor 30+ underprivileged children in reading and writing, organizing weekly lesson plans and progress reports.

Bits of Good, *Operations and Community Coordinator*, Atlanta, GA

July 2023 – Present

- Organize and lead 20+ events, manage budgets, spearhead fundraising efforts, and streamline recruitment, enhancing community relations with Georgia Tech and Atlanta.

KPMG, *Women in Advisory Conference*, Orlando, FL

August 2023

- Selected from 600 candidates for a women's leadership conference, actively participating in panels, workshops, and networking sessions to gain advisory skills.

UGAHacks, *Logistics Organizer*, Athens, GA

May 2022 – April 2023

- Planned and coordinated 20+ events for UGA Makeathon (200+ students) and UGAHacks 8 (800+ students), and led workshops for Road to Google Developers Certification at Google DevFest.

ACM-W Girls.Code(), *Treasurer*, Athens, GA

May 2022 – Dec 2022

- Manage the club's expenses and budgeting; organize workshops for 30+ members' development and academic success.