

Deepesh Raj

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science, GPA: 4.0

May 2028

- Dean's List: Fall 2025, Spring 2026
- Relevant Coursework: Data Structures/Algorithms, Object-Oriented Programming, Linear Algebra, Discrete Math

PROJECTS

Smart Pickup | Independent Product Initiative (Uber/Careem UAE)

May 2026 – Present

- Identified a pricing gap in ride-hailing apps in MEA, documenting 3 real trip scenarios showing fare deltas up to \$8
- Surveyed 89 riders showing 86.5% were unaware of the workaround, then built a prototype simulating the nudge
- Led 1:1 sessions with a Careem Lead PM, stress-testing pricing assumptions and refining nudge trigger logic

LineUp | Co-founder | InVenture Prize Semifinalist

Oct 2025 – Present

- Developed a two-sided marketplace connecting users and barbers, defining MVP requirements & product roadmap
- Conducted 50+ user interviews to validate problem-solution fit and iteratively refine matching criteria
- Designed an AI-powered recommendation system analyzing uploaded photos (facial features, hair texture) to suggest hairstyles and match users with nearby barbers specializing in those styles, enabling direct booking

Vertex A11y | HackGT 1st Place | HTML5, CSS3, Js, Manifest V3

Sep 2025 – Present

- Shipped a Chrome extension performing real-time WCAG/ADA compliance scans across live & local environments
- Integrated Gemini API to provide contextual explanations and code fix suggestions for detected violations
- Redesigned scan architecture to run analysis in-browser, reducing scan latency from 15–20s to under 1s
- Published on Chrome Web Store and grew to 44+ active developers adopting the tool post-launch

Connectree | Co-founder | HTML, CSS, React, Js, Supabase

Jan 2024 – Aug 2025

- Launched a platform connecting volunteers with verified nonprofits to address the lack of accessible opportunities
- Secured partnerships with 3 nonprofits after 50+ contact attempts and multiple revisions to outreach messages
- Expanded opportunities across multiple Egyptian cities, contributing to a 170% increase in platform engagement

Stop Tapir Roadkill Initiative | HackVCIS 4th Place | HTML, CSS, Js

Mar 2022

- Designed an ML-based safety system concept to detect Malayan Tapirs on roads and trigger driver alerts
- Built a website to communicate the problem, solution, and mitigation strategies aimed at reducing wildlife roadkill

EXPERIENCE

Incoming Teaching Assistant (Peer Tutor)

Expected Aug 2026

Georgia Institute of Technology

Atlanta, GA

Data & SecOps Analyst Rotational Intern

June 2026 - Present

Keolis MHI

Dubai, UAE

Business Intelligence Analyst

Sep 2025 – Nov 2025

NPursuit Career Partners

Atlanta, GA

- Interviewed the CEO and Program Officer to identify reporting bottlenecks and define dashboard requirements
- Built a Zoho dashboard consolidating staffing & utilization data across platforms, eliminating manual reporting
- Proposed 6 workflow automation opportunities projected to save 23 hrs/month and reduce duplicate data by 90%

Creative Technology Intern

July 2024

ZANAD

Cairo, Egypt

- Led the development of 3 creative projects from concept to delivery, producing animations, presentations and logos
- Reviewed projects for clients including Coca-Cola and Uber, studying production workflows and asset pipelines

Programming Languages: Python, C, Java, JavaScript, Git, HTML5/CSS3, SQL

Other: Agile Methodologies, Jira, MS Office, Figma, Pandas, MongoDB, Zoho BI, Snowflake, Tableau

Certifications: Anthropic AI Fluency, IBM Agile Explorer, Microsoft Power Fundamentals (PL-900)

Awards: InVenture Prize Semifinalist, HackGT 1st place, HackVCIS 4th place, SHPE Scholar, GEMS Scholar

Clubs/Organizations: GT HackerHouse, Tech Consulting Group, Big Data Big Impact, Startup Exchange