

Anish Neema

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EDUCATION

Georgia Institute of Technology
Bachelor of Science in Computer Engineering
Dougherty Valley High School
High School Diploma- 4.66/4.0 GPA

Atlanta, GA
Expected 2028
San Ramon, CA
2021-2025

EXPERIENCE

Algoverse

Aug. 2024 – Mar. 2025

Research Intern

- Designed and implemented a Python LLM framework enabling models to self-assess tool usage via RAG and Knowledge Tracing, reducing API calls by up to 90% on benchmark QA datasets.
- Built a synthetic data pipeline using GPT-40 as a teacher to generate diagnostic pre-tests, optimizing inference-time API decisions without fine-tuning
- Accepted and presented findings at NAACL insights workshop.

Code Ninjas

Apr. 2024 – Present

Tutor, Lead Summer Camp Instructor

- Delivered comprehensive lessons on the principles of C, JavaScript, and Unity to students aged 6-17, fostering a deep understanding of programming concepts and game development techniques.
- Tutored 100+ students, helping them achieve proficiency in coding and problem-solving.
- Led summer camps teaching kids how to use digital media to document their projects, while maintaining a professional online presence.

PROJECTS

Gymseekr Mobile App | *React Native, AWS Amplify, DynamoDB*

Jun. 2024 – Present

- Developed & launched a mobile fitness app using React Native, AWS Amplify, and DynamoDB.
- Led UI design, product features, and back-end integrating user sign-up and management.
- Gained 200+ users since release on Apple App Store & featured on 'patch', sportsmedical.news.

Bluestamp Engineering | *Solo Engineer, Arduino, C++, MIT App Inventor*

Jun. 2024 – Jul. 2024

- Developed 3D printed emotive robot that helps individuals with alexithymia express their emotions.
- Used Arduino IDE, integrated sensors, servo motors, Bluetooth, and LED matrices to simulate emotional expressions based on user interaction; Wrote C++ code to sync components.
- Created an Android app with MIT App Inventor for remote control, enabling wireless communication and enhancing the robots interactivity and accessibility.
- Documented the entire project, including wiring diagrams, flowcharts, and technical schematics, highlighting the development process, and presented to 30+ engineers at Bluestamp conference.

LEADERSHIP

American Red Cross | *National Team Member, DVHS treasurer*

Aug. 2021 – Present

- Coded a structured system to organize, filter, and retrieve data on 100+ volunteers using applescript.
- Analyzed data in order to determine which volunteers were likely to contribute to Red Cross causes resulting in facilitating 50+ blood drives across 5 states nationally.
- Led fundraisers raising \$1100+ since August 2024 while managing \$6,200 in funds for a 130+ member club.

DVHS Wrestling Team Captain

Nov. 2021 – Mar. 2025

- Lead wrestling workshops for 1000+ students.

Academic Leadership Tutor

Aug. 2024 – Jun. 2025

- Tutored Computer Science, Physics, and English for 50+ students.

TECHNICAL SKILLS AND AWARDS

Languages and frameworks: Python, Java, C/C++, JavaScript, SQL, HTML/CSS, React, Node.js, Flask, FastAPI

Developer Tools: Git, Docker, VS Code, Google Cloud Platform

Awards: AIME Qualifier (Score 9), USA Powerlifting National Champion, Poster presentation at NAACL workshop