

Indira Tatikola

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

May 2026

Atlanta, GA

GPA: 4.0/4.0

- **Major:** Computer Science, Cybersecurity & Privacy and Systems & Architecture
- **Minor:** Law, Science, and Technology
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Development, Objects and Design, Systems and Networks, Artificial Intelligence, Machine Learning
- **Organizations:** Society of Women Engineers, Georgia Tech Trading Club, Alpha Xi Delta

RELEVANT EXPERIENCE

Akamai Technologies

Software Engineer Intern

May 2024 – August 2024

Cambridge, MA

- Member of the Bot Manager team, the industry-leading bot protection product for web applications
- Developed an IntelliJ Platform plugin in Java that parses and annotates an internal company language, allowing for an average of 30% decrease in file size through immediate identification of unused code
- Presented at team-wide project showcase, leading to the plugin being adopted by 50-100 software engineers proficient in the language
- Created a feature in JavaScript for the Challenge Framework used on many major retailers' websites, reducing customer complaints pertaining to user experience

ADDITIONAL EXPERIENCE

CodePath

Technology Fellow

July 2024 – Present

Remote

- Responsible for promoting and proctoring all Technical Interview Preparation (TIP) courses in order to expand equitable access to the technology industry
- Guided small groups of 4-6 students in following common problem-solving approaches in programming
- Conducted community outreach to campus clubs, department faculty, and career services in order to market CodePath, leading to a 20% increase in course sign-ups from the Georgia Institute of Technology

College of Computing at Georgia Institute of Technology

Undergraduate Teaching Assistant

May 2023 – Present

Atlanta, GA

- UTA for Data Structures and Algorithms, working in collaborative, team-based environment of roughly 60 TA's to enhance course resources for over 1000 students per semester
- Created 16 comprehensive slide decks on all DSA topics, leading to a uniform, high-quality recitation
- Wrote detailed documentation on coding homework solutions, causing a decrease in office hour wait times
- Tested and debugged student's code to provide written feedback on 25 Java coding assignments per week

PROJECTS

PuzzleBot | *Python, YOLO, Docker, Git*

January 2024 - Present

- Led team of students in Vertically Integrated Project (VIP) at the Intelligent Vision & Automation Laboratory, mentored by Dr. Patricio Vela
- Created API for long-term object detection and assignment for a 6DoF robot using YOLOv8 detection model and Hungarian assignment tracking algorithm

SpotifyWrapped | *Java, Android Studio, Firebase, Spotify API, Git*

April 2024 - May 2024

- Generated data visualization graphics using the Spotify API, allowing users to see accurate, visually appealing summaries of their recent activity
- Used Firebase to create persistent account system, allowing users to see their past summaries

CodeGradr | *Python, Flask, HTML, CSS, JavaScript, OpenAI API, AWS, Git*

February 2024 - March 2024

- Developed a full-stack web application using HTML, CSS, and JavaScript as the frontend, a Flask framework, and hosted on an AWS server
- Integrated the OpenAI API to provide AI-generated feedback on Java coding homeworks

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, C, SQL

Other Tools: Git, Docker, Flask, YOLO, AWS, FireBase

Professional Coursework: CodePath Advanced Technical Interview Preparation (TIP 103)