Indira Tatikola

itatikola3@gatech.edu | linkedin.com/in/indiratatikola | github.com/itatikola | itatikola.com | U.S. Citizen

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   *May 2026*
- **Major:** Computer Science, Intelligence and Systems & Architecture | **GPA:** 4.0/4.0
- **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   May 2024 – August 2024
Software Engineer Intern   *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 a substantial decrease in server storage space through immediate identification of unused code
- Presented at company-wide project showcase, leading to the plugin being adopted by roughly 80% of all software engineers proficient in the language
- Created a feature in JavaScript for the Challenge Framework preventing users from having to repeatedly submit information, reducing customer complaints pertaining to user experience

ADDITIONAL EXPERIENCE

CodePath   July 2024 – Present
Technology Fellow   *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   May 2023 – Present
Undergraduate Teaching Assistant   *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)