

Ajay Moturi

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Education

Georgia Institute of Technology, Atlanta, GA

B.S. Computer Science, Specializations in Artificial Intelligence, Embedded Systems *May 2024 (Expected)*

- GPA: 3.94, Faculty Honors (2022-2023), Dean's List (2021-2023)
- Relevant Coursework: Linear Algebra, Computer Architecture, Discrete Math, Probability & Statistics, Systems & Networks, Operating Systems, Algorithms, AI, NLP, Deep Learning, Complexity Theory
- Clubs: GT iOS – Senior Tech Lead, Undergraduate Consulting Club (UCC) Analyst

Experience

Key, Palo Alto, CA

Fall 2023

Product & Engineering Intern

- Joined as employee #1 to lead product development; hired and managed a team of 13 FTE & 2 designers
- Grew user base from 0 to 6.5k in 4 months
- Conducted user interviews, product feedback rounds, and weekly engineering sprints/release cycles
- Performed competitive market analysis & engaged in due diligence, early acquisition discussions
- Next.js, Flutter, GitHub Actions (CI/CD), Google Cloud Platform, JIRA

Netflix, Los Gatos, CA

Summer 2023

Incoming Software Engineering Intern

Video & Image Encoding Team

- Wrote a production microservice to verify that the encoding pipeline honors points of interest (Skip Intro, Skip Credits, Ad Breaks, etc.) in final bitstreams to ensure consistent behavior for end users
- Java, Spring, Python, [Cosmos \(proprietary platform\)](#), AWS, Distributed Systems

Cisco, San Jose, CA

Summer 2022

Software Engineering Intern

Polaris Team, Enterprise Networking

- Trained an ML model to classify debug statements of different severity levels through an NLP analysis of their error descriptions
- Deployed the model for organization-wide use through a web application and custom command-line interface for Cisco devices
- Python, Scikit-Learn, Pandas, NumPy, Flask, React.js, Node.js, Linux, Machine Learning

GT Sports Performance Intelligence Programs, Atlanta, GA

Aug 2022-Present

Research Intern

- Developing a sports analytics platform to present Georgia Tech athletes with key findings and insights
- Organize & clean datasets including player performance, efficiency, etc. from wearable tracking devices
- Angular.js, PostgreSQL, Matplotlib, TrackMan, Flask, Python, JavaScript

Projects

GTStudyBuddy

Jan 2022-May 2022

iOS Application helping connect students in shared classes post-pandemic

- Paired Firebase and SwiftUI to set up authentication, signup, and login processes
- Designed 'Buddy' matching algorithm pairing students based on factors like courses, interests, location, etc.

Skills

Programming: Java, Python, C, JavaScript, AWS, GCP, Linux, Git, Spring, Swift, SwiftUI

Languages: English (native), Spanish (proficient), Telugu (elementary)