

Ian Yang

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Education

Georgia Institute of Technology, College of Computing
B.S. Computer Science, Minor in Mathematics

Atlanta, Georgia

Expected May 2024

- **Major GPA:** 4.0/4.0; **Cumulative GPA:** 3.81/4.0
- Concentrations: Intelligence, Theory

Experience

The Georgia Institute of Technology – Entertainment Intelligence Lab
Undergraduate Research Assistant

Atlanta, Georgia

January 2022 – Present

- Perform literature reviews pertaining to value alignment (VA) and normative AI

FlightBridge, Inc.

Atlanta, Georgia

Software Development Engineering Intern

August 2021 – Present

- Craft full-stack solutions for new features/bugs combining **C#, JavaScript, SQL**, and front-end frameworks
- Optimize and edit more than 100 different sites and APIs with concepts from **ASP.NET MVC** and Subversion QC
- Design UI/UX of webpages visited by **over 200,000 clients** annually
- Meticulously review code commits spanning up to 1000 lines from both peer and senior developers

The Ohio State University

Remote

Undergraduate Research Assistant

April 2021 – Present

- Conduct literature and code reviews regarding efficiencies of 15 facial recognition algorithms
- Implemented software detecting voice biometrics using ASR (Automatic Speech Recognition) supporting **19+ languages** and offering **over 80% accuracy**
- Revamped existing speaker ID technology supporting databases of **over 100,000 unique audio signals**
- Developed and rigorously tested an Android application hosting dual ASR functionality

The Georgia Institute of Technology – College of Computing

Atlanta, Georgia

Teaching Assistant / Peer Mentor

August 2021 – December 2021

- Served as a teaching assistant for CS 1100 (Freshman Leap Seminar), grading assignments and attending class
- Oversaw a cohort of 28 computer science students with their transition to Georgia Tech
- Co-hosted ice-breaker coding challenge attended by **200+ first-year students**
- Directly communicated with Director of Computing Enrollment to develop curriculum and arrange events

Projects

Zpparel

June 2019 – Present

- Design graphics for a clothing brand and manage public relations, an online store, and website

Spender (Georgia Tech Hackathon Project)

October 2021

- Created web application with Rust, SQL, and front-end frameworks that provides a tinder swipe-like experience when online shopping

Rate Northview APs

May 2020

- Launched a website using HTML, PHP, and CSS to help students decide which Advanced Placement courses to take
- Implemented peer-rating system with reviews, comments, and rankings

Leadership

The Georgia Institute of Technology
Debate Team Captain

Atlanta, Georgia

March 2021 – December 2021

- Organized and led a nationally-competitive debate team of 36 students, developing **hundreds of pages of high-level research** and outlining a travel/tournament budget of several hundred dollars

Skills

Programming: Java, C# (ASP.NET), Python, HTML, CSS, JavaScript, SQL

Software/Tools: Git, Subversion, TeX, Bootstrap (Dashkit), Android, Unix

Languages: English (*native*), Chinese (*fluent*), Spanish (*proficient*)

Concepts: Machine Learning, Artificial Intelligence, Linear Algebra, Multivariable Calculus, Object-Oriented Programming, Discrete Mathematics, Applied Combinatorics, Objects and Design, Data Structures and Algorithms, Applied Statistics