

# TUANH CAO

tuanhtcao@gmail.com | (251) 786-8939

## Education

### Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

Expected May 2024

Relevant Coursework: Computer Organization and Programming, Design and Analysis of Algorithms, Probability and Statistics, Applied Combinatorics, Discrete Mathematics, Data Structures and Algorithms

## Experience

### Millennium Management, LLC

Incoming Software Engineer Intern

New York, New York

June 2024-August 2024

### Splunk

Software Engineer Intern

Chicago, IL

September 2023-present

- Integrated a new gauge data visualization feature using React, JavaScript, TypeScript, HTML, and CSS
- Investigated and fixed bugs in preexisting visualizations using Web Developer tools and deep diving in code
- Tested code by creating unit tests, visual tests, CI/CD pipeline, thorough code review, and more
- Led daily standup, scrum planning, technical discussions, code review sessions, project-related meetings, etc

### Microsoft

Software Engineer Intern

Redmond, WA

May 2023-August 2023

- Developed live dubbing feature for Microsoft Streams using a text-to-speech AI by Azure Video Indexer
- Collaborated with Video Indexer team to gather requirements and develop the system design
- Integrated an extension into client-side of the video player using React, TypeScript, and HTML

### Amazon

Software Development Engineer Intern

Seattle, WA

May 2022-August 2022

- Designed and implemented an override for error in Amazon Shipping's package forecasting service
- Integrated a dependency in order to access an API, which provided integral data for the override
- Decreased shipment prediction error and decreased losses caused by inaccurate predictions
- Developed in Java, to write data to DynamoDB, to export into an Amazon S3 bucket for package prediction

### College of Computing at Georgia Tech

Teaching Assistant

Atlanta, GA

January 2021-December 2021

- Collaborated with team of 20 to manage intro level programming course of over 800 students
- Taught MATLAB syntax and foundational coding concepts during 1-1 tutoring and weekly recitation

## Projects

### Personal Website

Ongoing

- Developed website for personal portfolio using HTML, JavaScript, and CSS
- Used CloudFlare and GitHub pages to publish website on a personal encrypted DNS

### Georgia Tech Events Website

November 2022

- Created a web app for students to organize, advertise, and receive information for campus-wide events
- Implemented full-stack using React frontend, Node.js backend, and MySQL database

## Skills

Programming: Java, Python, C++, C, Assembly, Swift, HTML, JavaScript, Typescript, CSS

Languages: English, Vietnamese, Spanish, Korean, Mandarin

Extracurriculars: Vietnamese Student Association – Treasurer

Interests: Chess, Poker, Piano, Guitar, Video Games, Boxing, Weight Training, Volleyball, Travelling