

Ivan Mo

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EDUCATION

The University of Georgia, Honors Program, Athens, GA **Expected Graduation: December 2023**
Bachelor of Science, Computer Science & Bachelor of Arts, Linguistics **Cumulative GPA: 3.95/4.00**

EXPERIENCE

(Incoming) Amazon Software Development Engineer Intern **Aug - Nov 2022**
Undergraduate Teaching Assistant (UTA) **Feb - May 2021, Sep - Dec 2021**

- Conducted 2-3 office hours per week and graded assignments for UGA's introductory Java class.
- Discussed course material with students and advised on preparing for assessments and assignments.

UnCoRe NSF REU 2021 Participant (Oakland University site) **May - July 2021**

- Created a risk assessment framework that analyzed 20+ threats for connected and autonomous vehicles under Dr. Amartya Sen.
- Established a metric system for our model backed by complex number probabilities and developed a full-stack web application using Django and MongoDB to showcase the results.

Quinn Research Group at the University of Georgia **Jan 2020 - Present**

- Predicting HIV outbreaks and activity from Twitter data.
- Implementing temporal word embeddings and researching NLP literature to perform sentiment analysis on 150k+ files containing 7 million+ Tweets.

CAMPUS ACTIVITIES

UGAHacks Organizer **Jan 2022 - Present**

- Collaborated with the UGA eSports Club on the eSports tournament side-event for UGAHacks 7, UGA's yearly hackathon in 2022, and offered \$100+ in prizes to 80+ attendees through single-elimination brackets for the games Super Smash Bros. Ultimate and Guilty Gear -Strive-.

Association for Computing Machinery UGA Chapter **Oct 2019 - May 2021**
Treasurer *Jan 2020 - May 2021*

- Tracked member dues and assisted with orders and purchases related to club activities.

PR Assistant *Oct 2019 - Jan 2020*

- Promoted events through biweekly flyers and online announcements to all Computer Science majors.

UGA eSports Club **Sep 2019 - May 2021**

- Participated in the starting lineup for the UGA Rainbow Six: Siege B team which placed 2nd nationally in the FACEIT collegiate tournament bracket, receiving collectible merchandise and over \$250 in peripherals.

SKILLS & PROJECTS

Proficient: Python, Emacs
Comfortable: Java, C++, Git, VSCode, Vim, HTML, CSS, JavaScript
iTunes Gallery **April 2020 - May 2020**

- Developed a search bar GUI application that queries the iTunes Search API and returns a gallery of 20+ album covers based on user input. Written in Java and incorporated JavaFX 11.

RELEVANT COURSEWORK

Web Programming (CSCI 4300)	Grade Received: A (Spring 2022)
Data Structures (CSCI 2720)	Grade Received: A (Fall 2021)
Artificial Intelligence (CSCI 4550)	Grade Received: A (Fall 2021)
Applied Linear Algebra (MATH 3300)	Grade Received: A (Spring 2021)

HONORS AND AWARDS

Phi Beta Kappa Member	April 2022
University of Georgia Presidential Scholar	Fall 2020 & 2021, Spring 2021 & 2022
FACEIT R6 Collegiate Recreation League 2021 (2nd Place)	Spring 2021
The Hollingsworth Award from UGA Mathematics Department (2020)	Spring 2021
UGA Center for Undergraduate Research Opportunities (CURO) Research Assistantship	Summer 2020
University of Georgia Dean's List	Summer 2020