Ivan Mo

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EDUCATION

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

EXPERIENCE

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.

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

SciPy 2022 Conference Proceedings Publication   **July 2022**
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**