

Education

- Georgia Institute of Technology** Will Graduate Spring 2023
- M.S. in Computer Science
 - Specialization in Computing Systems
- Georgia Institute of Technology** 4.00 GPA Will Graduate Spring 2022
- B.S. in Computer Science
 - Specializations in Computer Systems and Computing Devices

Experience

- Software Engineering Intern** NCR Corporation May 2021 — Aug 2021
- Implemented backend support for alternate, lightweight Point-of-Sale application using *Node.js*
 - Built and streamlined systems that interface with NCR business APIs to store and retrieve consumer/transaction information at the Point-of-Sale
- Technology Intern** Bank of America May 2020 — Aug 2020
- Developed video upload/download API for BofA Insights App in *Java* using *Spring Framework*
 - Automated BofA application status recording system utilizing *SQLAlchemy ORM* queries in *Python*
- Teaching Assistant** Georgia Tech College of Computing August 2020 — Present
- Three semesters teaching Discrete Mathematics (CS 2050) with classes exceeding 400 students
 - Prepare lesson content, give recitations, grade assignments, and hold office hours every week
- Research Intern** Kennesaw State University Aug 2018 — Dec 2018
- Constructed convolutional and capsule neural networks in *TensorFlow* for image classification
 - Developed data preparation scripts with *NumPy/Pandas* for curating traffic light image data
 - Conducted research comparing the two network structures by accuracy, loss, and performance

Skills

Languages/Frameworks: Java, Python, C++, R, Node.js, TensorFlow, Spring

Skill Areas: Statistics, Data Science, Computing Systems, Hardware Design, Web Development

Additional Experience

- Competitive Programming Team** Fall 2019 — Present
- Implement time/space efficient solutions to complex programming problems under time pressure
 - Compete in nat'l. and int'l. competitions (incl. International Collegiate Programming Contest)
- Art & Artificial Intelligence Research** January 2020 — May 2021
- Worked on a Georgia Tech VIP research team to explore approaches to AI-controlled artworks
 - Utilized *PyTorch* to develop *Generative Adversarial Networks* for altering and creating art pieces
- Data Analytics Blogging** May 2019 — May 2021
- Analyzed and visualized public data from various fields with *R*, *Python*, & *D3.js* at donotwink.com