

Education

Georgia Institute of Technology
M.S. Machine Learning, Spring 2023

GPA: N/A Atlanta, GA
August 2022 - Present

Georgia Institute of Technology
B.S. Computer Science, Spring 2022

GPA: 3.83 Atlanta, GA
August 2019 - May 2022

- Notable courses: Deep Learning, Machine Learning, Automata and Complexity, Computer Vision, Objects and Design, Computer Organization and Programming (Intro to C / Assembly), Database Systems, Information Visualizations, Honors Linear Algebra with Abstract Vector Spaces, Cognitive Science

Industry Experience

- **Software Engineering Intern** Burlingame, CA
Meta Reality Labs *May 2022 - August 2022*
 - Created Text to Speech prototype for the Oculus Quest using Kotlin and Android AccessibilityServices
 - Developed 1st Accessibility Service for the Oculus UI/UX in Kotlin, contributing the 1st Kotlin code for the Oculus UI/UX
 - Set up the continuous build and continuous integration process for the Oculus Accessibility APK using BUCK and Facebook Sandcastle CI, speeding up accessibility feature deployment rates 200%
- **Software Engineering Intern** Atlanta, GA - remote
NCR Corporation *May 2021 - August 2021*
 - Created Progressive Web App (PWA) version of NCR's Emerald POS from ideation to deployment, providing offline functionality for nation-wide grocery chains
 - Implemented proof of concept of cryptocurrency payment for Emerald using the Rinkeby testnet
- **Software Development Intern** Rockville, MD - remote
S&C Electric *May 2020 - August 2020*
 - Led the design of backend, implementation, testing, and documentation of an application to monitor and manage 10000s S&C devices
 - Redesigned and implemented backend microservices and proxy to retrieve data from S&C Electric's devices, resulting in complete elimination of excessive data schema and 4x performance gain
 - Collaborated with design team to redesign a user-friendly interface, and implemented the interface with React and Electron to streamline and optimize code base

Research Experience

- **FunTech Group** Atlanta, GA
GT FinTech Lab *March 2021 - January 2022*
 - Discovered patterns in language used by the Federal Reserve correlating to stock trends
 - Conducted weak supervision to clean data and identify topics in financial documents
 - Analyzed sentiment of Fed statements to understand Fed opinions on various market sectors
- **Move2Music** Atlanta, GA - remote
Parikh Lab *August 2020 - December 2020*
 - Researched uses of recurrent neural networks and reinforcement in generating music from video footage of dance
 - Used modern encoding techniques and LSTMs to prototype pairing dance video with appropriate music

Skills

Languages: Java, Python, JavaScript/TypeScript

Infrastructures and Frameworks: Node.js/V8, React.js, SCSS, WebSocket, MongoDB, Firebase, Tensorflow, Git

Software: Android Studio, Figma, Jupyter Notebook