

## 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 - May 2022, September 2022 - November 2022*
  - Created a web crawler to download and preprocess 10000s of Federal Reserve documents using Selenium and BeautifulSoup
  - Generated topics of focus for Federal Reserve meeting agendas by utilizing Latent Dirichlet Allocation
  - Analyzed sentiment of Fed statements to understand Fed opinions on various market sectors using a finance version of BERT
- **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