

EDUCATION

Georgia Institute of Technology

B.S./M.S. in Computer Science, GPA: 3.65/4.0

Atlanta, GA

Expected: Dec 2022

- **Concentrations:** Intelligence & Information Internetworks
- **Coursework:** Data Structures & Algorithms, Object-Oriented Design, Databases, Computer Systems & Networks, Data & Visual Analytics, Machine Learning, Artificial Intelligence

EXPERIENCE

Capital One

Incoming Software Engineer Intern

Richmond, VA

Summer 2021

Georgia Tech College of Computing

Tutor

Atlanta, GA

Aug. 2020 – Dec. 2020

- Provide students with one on one weekly tutoring in Data Structures and Algorithms and Discrete Math.

StudentSide

Software Engineer Intern

Long Island, NY

June 2020 - Aug. 2020

- Part of an edtech startup building an end-to-end platform to help simplify the college search process for high school students by connecting them to over 1,000 college student mentors.
- Developed the MVP website's back end to support client-side requests such as user registration, mentor filtering, and appointment booking using PostgreSQL, Express, and Node.js
- Deployed REST API and automated cron jobs for mentor management to AWS Lambda with Serverless.
- Utilized AWS Relational Database Service (RDS) and Simple Storage Service (S3) for database and image storage.

Georgia Tech School of Interactive Computing

Undergraduate Student Researcher

Atlanta, GA

May 2019 – Aug. 2019

- Worked under Dr. John Stasko to study fundamental techniques used in information visualization and to explore new emerging data visualization technologies namely the declarative grammars of Altair and Vega-Lite.

Estadium-IoPT Vertically Integrated Project

Backend Developer

Atlanta, GA

Jan. 2019 – May 2020

- Member of a VIP team creating an *Internet of People and Things* within Bobby Dodd stadium to enhance game day experiences for fans through a mobile IOS app, *Fanplay*.
- Built the backend RESTful API infrastructure by designing MySQL database schemas, implementing API endpoints, authenticating routes, and testing HTTP requests for various mini-games and GPS features using the MAMP stack and Model View Controller (MVC).

PROJECTS

- **Boba Finder (React, Bootstrap, Ant-Design):** A web app to find the nearest bubble tea locations to a user's surrounding with an intuitive user interface and implemented with Google Maps Platform APIs.
- **Bits of Good (Next.js, MaterialUI):** Building web solutions for social good and nonprofits in an Agile environment. Worked on various frontend features for General Solutions Core page.
- **COVID-19 Visualizations (Matplotlib, Seaborn, Altair, Pandas, Jupyter):** Performed data cleaning on John Hopkins University's global COVID-19 time series data and visualized the pandemic's global impact and trends.

SKILLS

Languages: Python, Javascript, SQL, Java, HTML, CSS, C, PHP

Technologies: VSCode, Git, Unix, MySQL, MongoDB, Jupyter, AWS

Frameworks/Libraries: Node.js, Express, Pandas, NumPy, React, D3.js, Laravel