

SAMUEL B. GAMAGE

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<https://samgamage.dev>

Education

Georgia Institute of Technology, Atlanta, GA

Fall 2019 - Present

- Candidate for Bachelor of Science in Computer Science
- Threads: Intelligence, People

Expected Graduation: May 2022
GPA: 4.0/4.0

Work Experience

Data Fusion Specialists (DFS), Rome, GA

June 2019 - Present

Junior Software Developer

- Responsible for developing a reusable frontend component library with React.js. Wrote comprehensive unit and end-to-end tests to accompany each component.
- Rebuilt the company website using JavaScript frameworks Gatsby and React.js with rich SEO and good performance in mind.
 - Gained experience with AWS services such as S3, EC2, CloudFront, and Route53 from deployment.

Embraer, Melbourne, FL

November 2018 – June 2019

Junior Software Developer

- Responsible for developing GUI components for an assembly-line management application using the frontend JavaScript framework React.js.
 - Wrote extensive frontend unit and end-to-end tests for each new feature.
- Gained experience solving complex optimization and algorithmic data visualization problems and had to meet strict deadlines while communicating with team members on a daily basis.

Projects

Plutus: Personal Finance Budgeting App

- Designed and developed a financial budgeting iOS and Android app using React Native that helps keep track of a user's finance and budgets.
- Implemented fully functional user authentication using Google Firebase and React Native.
 - Developed and implemented a scalable backend model for describing user data and its relationships.
- Implemented frontend UI using React Native which included multiple screens, dynamic functionality, and complex widgets for tracking data, displaying calendars, and showing useful graphs of financial data.
- Developed a complex voice recognition widget to take voice commands and dispatch actions using machine learning and Google's speech-to-text API.

Claire: Dating App

- Designed and developed a non-superficial tinder-like dating app for iOS and Android using React Native that only shows a blurred version of a user's picture when they are matched and gets less blurry as they converse.
- Developed a sentiment analysis machine learning function using Google's natural language API which can analyze the language of a conversation.
- Developed a full-functional frontend UI which included swiping user cards and a messages view and a scalable backend data model for messages and relationships between swiping and matching between users.

Skills

Languages:

Java, JavaScript, TypeScript, C, SQL, HTML/CSS, Swift, Python

Frontend Frameworks:

React, React Native, Vue, Angular