

# Austin Brock

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## EDUCATION

### The University of Georgia

August 2020 – May 2024

- **Degree:** Bachelor of Science: Computer Science
- **Relevant Coursework:** Systems Programming, Data Structures, Software Engineering, Algorithms, Web Programming, Database Management, Computer Networks, Computer Architecture and Organization

## PROFESSIONAL EXPERIENCE

### Exchange, Atlanta, Ga

January 2023– August 2023

#### Full Stack Developer Intern

- Developed and maintained mobile applications for both IOS and Android platforms utilizing React Native, ensuring a consistent user experience across devices.
- Collaborated with cross-functional teams using modern UI/UX principles to design, develop, and maintain Exchange's mobile applications, ensuring a user-friendly experience.
- Implemented user authentication services.
- Maintained version control using git for code management and collaboration.
- Facilitated software architecture design meetings.

### Macy's, Johns Creek, GA

May 2022 – August 2022

#### Software Engineer Intern

- Worked with an international team of 8 to contribute to the development and maintenance of a User Interface web application utilizing JavaScript, Typescript and the React framework.
- Conducted code reviews and collaborated with other team members to assure code quality and functionality.
- Decreased future developer hours needed by 500%
- Cross collaborated with other teams to improve efficiency of calls within several API's.
- Gained experience with Scrum and Agile software development methodologies.
- Delivered multiple stories and presentations to Executive level management.

### University Of Georgia, Athens, GA

August 2021 – March 2022

#### IOS App Developer Intern

- Assisted in the development of a mobile application using Swift and the Firebase platform.
- Worked with a team to design and implement new features and user experiences.
- Conducted code reviews and helped improve the overall quality of the codebase.
- Met 100% of story deadlines.
- Continuously improved the user experience by implementing user feedback and conducting usability tests, resulting in higher user engagement and satisfaction.

## Projects

### Cinema E Booking system (University group project)

- Collaborated with 4 other students on a full stack development project.
- Implemented user authentication, shopping cart functionality, and an integrated payment gateway.
- Developed multiple stories using the S.O.L.I.D principles of software engineering.
- Gained experience with Model-View-Controller architecture Integration using Java.
- Assisted in the Integration of a NoSQL database for user data storage.

### 100 Days of Code

- Started on January 1<sup>st</sup>, 2024, and committed to 100 straight days of coding to improve current skills.
- Tracked progress by uploading daily to GitHub.
- Currently have completed 20+ personal projects using various tech stacks.
- Working towards earning multiple FreeCodeCamp and LinkedIn certifications.

### Machine Learning flight delay predictor

- Collected historical flight data, including departure and arrival times, flight dates, airlines, weather conditions, and any other relevant factors that might influence flight delays.
- Conduct exploratory data analysis (EDA) to understand patterns, correlations,
- Experimenting with best ML model sets such as models like Random Forest, Gradient Boosting, and Deep Neural Networks

## Technical Skills

Python | Java | Swift | C++ | JavaScript | Typescript | HTML | CSS | Bootstrap | jQuery | React | | Linux | SQL | Git | Node | Express | MongoDB | Linear Algebra | Machine Learning | C# | .NET | CI/CD |