

Austin Brock

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Education

University of Georgia - Bachelor of Science: Computer Science

May 2020 – July 2024

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

Work Experience

Full Stack Software Engineer Intern | Exchange | Atlanta, Ga

January 2023 – August 2023

- 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 resulting in a 25% increase in user satisfaction.
- Architected and integrated sophisticated user authentication services, bolstering application security and user trust by implementing advanced security protocols and user data protection measures.
- Maintained version control with Git, streamlining code management and enhancing team collaboration through efficient tracking of code changes and project evolution.
- Actively contributed to software architecture design meetings, providing valuable insights and innovative solutions that influenced the architectural decisions, ensuring scalability, maintainability, and performance of Exchange's software solutions.

Software Engineer Intern | Macys | Johns Creek, Ga

May 2022 – August 2022

- Played a pivotal role in a diverse, international team of 9, driving the development and continuous enhancement of a User Interface web application through expert applications of JavaScript, TypeScript, and React.
- Engaged in detailed code reviews with both supervisors and peers fostering a culture of excellence in code quality and functionality.
- Spearheaded optimization initiatives that dramatically reduced future developer hours by 500%, showcasing exceptional code proficiency and resource management.
- Enhanced interdepartmental collaboration by working closely with various teams, significantly improving the efficiency of API calls and fostering a more integrated development environment.
- Acquired and applied expertise in Agile and Scrum methodologies, contributing to the team's ability to adapt to changing requirements and expedite product delivery.
- Effectively demonstrated the ability to communicate complex technical concepts to executive-level management through compelling stories and presentations, demonstrating exceptional communication skills and strategic insight.

IOS Developer Intern | University of Georgia | Athens, Ga

August 2021 – March 2022

- Spearheaded the development of an innovative IOS mobile application leveraging Swift and Firebase, focusing on creating a robust, user-centric design.
- Collaborated closely with a dynamic team to brainstorm, design, and roll out key features and enhancements, significantly enriching user experiences and interface aesthetics.
- Achieved a remarkable track record of meeting 100% of project story deadlines, exemplifying strong time management and prioritization skills.
- Drove user engagement and satisfaction by iteratively refining the application, incorporating user feedback, and conducting thorough usability testing to identify and address user needs effectively.

Customer Service Associate | Golden Pantry | Athens, Ga

Nov 2022 – Current

- Developed excellent communication skills through daily interactions with customers, team members, and management.
- Showed adaptability by learning and operating various equipment and technologies, such as cash registers, fuel pump controls, and money order machines.
- Demonstrated strong problem-solving skills by efficiently managing shift operations and resolving customer complaints.

Projects

Financial Analyzation Website | UGA HACKATHON |

- Collaborated with other students to plan, design, and build a functional application meeting all requirements with a constricted timeframe of 36 hours.
- Implemented the Capital One Nessie API i to help simulate real time transactions.
- Designed and engineered application for simplicity and ease of use.
- Architected tools such as estimated payoff time, yearly budget analysis, popular investment options, and savings goals tracker.

Cinema Booking System

- 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.
- Facilitated meetings for system design and code reviews.
- Implemented design changed using Figma and modern UI principles.

Unix shell

- Unix shell program written in C. It emulates basic functionalities of a standard shell environment, allowing users to execute commands, navigate through directories, and manage input/output redirection. The program is designed to run in a Unix-like environment, utilizing system calls and functions defined in the POSIX standard.

Skills

Python | Java | Swift | C++ | JavaScript | Typescript | HTML | CSS | Bootstrap | jQuery | React | | Linux | SQL |Git | Node | Express | MongoDB | CI/CD | MATLAB |