

Charlie Lin

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures and Algorithms, Computer Organization and Programming,

Intro to Object-Orientated Programming, Objects and Design

Atlanta, GA

Graduating May 2026

EXPERIENCE

Full Stack Bootcamp Teaching Assistant

Jan 2024 – Apr 2024

Bits of Good

Atlanta, GA

- Collaborated with the instructional team to develop a comprehensive full stack web development curriculum, tailoring it to the needs of boot camp participants.
- Delivered engaging lectures on fundamental web development concepts, resulting in a significant improvement in participants' understanding and application of key technologies.
- Provided hands-on assistance to boot campers, guiding them through technical assignments and projects, contributing to an increase in overall project quality and successful completion rates.

Full Stack Bootcamper

Sep 2023 – Dec 2023

Bits of Good

Atlanta, GA

- Successfully completed an intensive 12-week full stack web development bootcamp, gaining expertise in key technologies, including MongoDB, Next.js, React.js, Node.js, and Express.js.
- Demonstrated proficiency by completing diverse weekly exercises and complex projects, showcasing skills in areas ranging from HTML and CSS to advanced topics like user authentication, API creation, routing, and database interactions.
- Collaborated with peers on team projects, fostering a collaborative learning environment and enhancing problem-solving abilities through real-world application.

PROJECTS

Animal Training Management App | *JavaScript, React.js, Node.js, Next.js, MongoDB*

Nov 2023 – Dec 2023

- Developed a comprehensive full-stack web application utilizing React.js for the front end and Next.js for the back end. The application enables users to create detailed animal profiles and offers insightful statistics derived from training logs.
- Developed and implemented CRUD API routes adhering to RESTful principles, ensuring seamless data interactions for a scalable and efficient web application.
- Integrated MongoDB as a non-relational database to efficiently store and retrieve user, animal, and training log information

Retro Games Suite | *Java, Android Studio*

May 2023 – Aug 2023

- Replicated modern games such as Blackjack, Wordle, and Tic-Tac-Toe in a retro style using object-oriented programming.
- Successfully completed sprints following the Agile methodology, utilizing task organization tools like Jira
- Utilized Git and GitHub in a team of 6, efficiently merging 20+ pull requests, leading to a reduction in code conflicts and ensuring smooth collaboration among team members.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Java, Golang, Python

Frameworks & Libraries: React.js, Next.js, Express.js, Tailwind CSS

Technologies: Git, GitHub, Unix, Linux, Android Studio, VSCode, MongoDB, Node.js