

CHLOE NG

Atlanta, GA | US Citizen | chloeng73@gmail.com | (229) 443-9471 | [LinkedIn](#) | [Personal Website](#) | [GitHub](#)

Education

Georgia Institute of Technology (GT) August 2021 – May 2024

- Pursuing Bachelor of Science in Computer Science; People & Media Threads, **GPA: 3.80**
- **Relevant Courses:** Data Structures & Algorithms, Object-Oriented Programming, Computer Graphics, Information Visualization, User Interface Software, Database Systems, Creative Design Practices, Video Game Design

CodePath IOS101: Intro to iOS Development February 2024 – April 2024

Skills

Programming Languages:	Python (Proficient), Javascript, SQL, Swift, Typescript, C#, Java, C(Basic)
Web Development:	React.js, HTML, CSS, D3.js, Next.js, Redux, Express.js
Tools:	Figma, GitHub, XCode, MySQLWorkbench, Jira, Tableau, Felt Maps, MongoDB

Work Experience

CarMax Richmond, VA, June 2023 – August 2023

Technology Intern | React, Redux, Typescript, C#

- Implemented full-stack features, enhancements and bug fixes to improve the user experience of an associate-facing app.
- Spearheaded the implementation of a new company-built library into production, establishing a best practice for widespread adoption within the company.
- Improved conversion rates of static 360 images of a car into smooth 360 images from 20 minutes per car to less than 10 minutes using the company-built library.
- Achieved cost savings on cloud storage for the deployment of the team’s application by leveraging the new library.

Projects

Habit Tracker | Swift | [GitHub](#) February 2024 – May 2024

- Architected user flow of the application by implementing Navigation and Tab Controllers, allowing seamless navigation.
- Designed user interface and components across more than 5 scenes, receiving positive feedback on app usability.
- Utilized local storage to store user specific habits, statistics, and progress, ensuring personalized dashboards.
- Organized and managed personal sprints, enhancing development efficiency and adherence to project deadlines.

Drone Dispatch Service | SQL January 2024 – May 2024

- Designed an SQL database, efficiently managing over 200 data elements and 35 attributes, which improved data organization and retrieval.
- Utilized an Enhanced Entity-Relationship Diagram (ERD) to accurately represent the project scenario, enhancing clarity and project planning.
- Developed a relational schema and built 10+ tables and 5 views ensuring optimal data integrity and relationships through appropriate keys, constraints, and data types.

Student Resiliency Tool | React, Javascript, Express.js, MySQL | [Figma](#) August 2022 – December 2023

- Partnered with Forsyth County Schools to create a web application to improve the efficiency of data collection and documentation of scholastic gaming processes.
- Collaboratively led a 6-member team, leading the front-end team for 2 semesters, guiding the selection of a relevant and efficient technology stack, and overseeing training initiatives to new members.
- Spearheaded essential features such as optimized routing, deployment of the web-app and seamless integration between front-end and back-end endpoints.

Extracurricular Activities

GT WebDev January 2022 – May 2024

- Participate in semester-long projects, attending weekly meetings to work on tasks and discuss future innovations.

GT Seoulstice August 2021 – May 2024

- Attended 2 practices weekly and performed at events throughout the semester.
- Coordinated meetings and discussed the planning of the team’s end-of-semester showcase in Spring 2022.

Indonesian Student Association August 2021 – May 2024

- Lead and choreographed for a cultural dance team of 5, holding 2 practices weekly and performing at events.