

Andy Chen

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

Expected May 2025

Threads : Information Internetworks and Media

Honors : Dean's List, Zell Miller Scholar

PROJECTS

Word Ladder | *Front-end, SwiftUI, Xcode, FireBase, Git, Figma*

August 2023 – Present

- Users play against each other and have to type a new word based on the last letter of the other player's word
- Implementing the Model-View-ViewModel (MVVM) architecture pattern to maintain a clean separation between the application logic and UI
- Peer connectivity for multi-player gameplay

Accelerating Materials Discovery with AI | *Python, Basecamp, MatDeepLearn, Git*

August 2023 – Present

- Finding new materials to serve as the next generation catalysts, batteries, solar cells, superconductors, or electronic devices can potentially transform our lives and society.
- Teamed up with a sub-team of 12 individuals to train the QM9 datasets while collecting new datasets
- Organize meetings and assign tasks using Slack and Basecamp as a part of Georgia Tech's selective Vertically Integrated Projects program to ensure deliverables are met

Personal Website | *JavaScript, HTML, CSS, VS Code, Git*

June 2023 – Present

- <https://rekoj16.netlify.app>
- Self-teaching with tutorials as a guide

CheftGPT | *Front-end, SwiftUI, Xcode, Figma, Git*

February 2023 – May 2023

- Utilized SwiftUI to develop the entire application, ensuring an enjoyable user experience for clients to manage their recipe lists and apply search filters effortlessly
- Capability to provide a visual compilation of recipes using the available ingredients provided by the user
- Used Figma for designing and collaboration

Skip'N Sit | *Team Leader, Full Stack, Java, Android Studio, Git*

February 2022 – February 2022

- Developed a software solution to enhance the check-in process for seamless entry at major event venues.
- Teamed up with a group of four individuals to ensure a seamless user experience, effectively managing the flow of attendees
- Integrated a location service utilizing phone's map and camera function

TECHNICAL SKILLS

Languages: Java(Advanced), C(Basic), JavaScript(Basic), HTML(Basic)

Developer Tools: VS Code, IntelliJ, Eclipse, Android Studio

Concepts: Object-oriented Programming, Data Structures and Algorithms