

Ruizhe Sun

22 Union Ave, Glen Head, NY 11545

☎ (516) 532-6583

✉ rs929@cornell.edu

🌐 [Ruizhe-Sun](#)

🔗 [ruizhesun.me](#)

EDUCATION

Cornell University

Ithaca, NY

B.S in Computer Science | GPA: 3.75 | Dean's List Scholar

May 2025

Relevant Courses: Object-Oriented Programming, Data Structures, Functional Programming, Data Science, Algorithms, Web Development, Computer Architecture, Machine Learning, Computer Vision, Operating Systems, Databases, Computational Genetics, Artificial Intelligence

EXPERIENCE

Expedia Group

Seattle, WA

Mobile Engineering Intern

May 2024 - August 2024

- Developed and integrated Trips-Packages Card and Carousel query components based on GraphQL schema specifications.
- Implemented scalable and fault-tolerant iOS solutions leveraging UIKit, SwiftUI, and the MVVM architecture pattern.
- Awarded 3rd place in internal native hackathon, integrating patent-pending trip curation technology.

Cornell AppDev

Ithaca, NY

iOS Software Lead

April 2024 - Present

- Led a team of developers in implementing and deploying iOS applications aimed to enhance student experience at Cornell
- Implemented responsive user interfaces with backend integration8 using UIKit and SwiftUI frameworks

Course Instructor

April 2023 – May 2024

- Intro to iOS Development at Cornell University, hosting lectures twice a week for a class of 100+ students.
- Ideated and taught course material, created assignments and lecture slides as well as managed TA course staff.

Cornell University

Ithaca, NY

Teaching Assistant - INFO 2950

December 2023 - Present

- Worked with professor and other TAs to grade, teach, and assist students with data science in R programming language.
- Led a discussion section once a week to help students reinforce course concepts and facilitate code debugging.

LLounge

New York, NY

iOS Software Engineer Intern

May 2023 - August 2023

- Implemented and tested new flows using MVC architecture and UIKit framework, incorporating location integration and data cache for custom data objects.
- Utilized OOP concepts and data structures to optimize program performance and space complexity.

PROJECTS

Sous Chef - React Native, React, GraphQL, Node.js

May 2022 - Present

- In development of a full-stack web and mobile application using React.js and React Native frameworks to create a solution that matches ingredients in a fridge with a diverse recipe database. Implemented backend API with GraphQL and Node.js to generate recipe suggestions based on available ingredients.

Resell - React Native, Firebase

August 2023 – May 2024

- Utilized React Native to develop a full-stack mobile application for both iOS and Android platforms that allows students to browse and post listings of items that they want to sell and buy.

Scooped - Swift, UIKit, Firebase

September 2022 – May 2023

- Collaborated with designers, backend, and marketers to develop ride-sharing app that connects students traveling to similar locations and optimizes the traveling process. Implemented Google Places integration and Firebase phone auth.

SKILLS

Languages: Swift, Python, Java, HTML/CSS, JavaScript/Typescript, SQL, OCaml, R, C, GraphQL,

Frameworks: React Native, UIKit, SwiftUI, React.js, Node.js, D3.js, Django, Flask

Technologies: Git, Firebase, MongoDB, Docker, R-Studio, NumPy, PyTorch, TensorFlow, XCode, CoreML