Julian Schiavo

he/him   •   *contact info redacted in public version*

Education

University of Illinois Urbana-Champaign, United States   Aug 2022–May 2026

B.S. in Computer Science, Junior, GPA: 3.75/4.00.

Experience

Apple, Software Engineering Intern   Jan 2024–Present

- Explored improving layouts in SwiftUI for a better developer experience, working closely with coworkers in SwiftUI and UIKit.
- Collaborated with internal app teams adopting SwiftUI in iOS 18, helping them reach feature parity with existing UIKit code and removing barriers to adoption.
- Resolved and investigated >10 user-facing SwiftUI issues in iOS 18, focusing on List, drag & drop, and context menus.

CS128, University of Illinois, Lead Course Assistant & Developer   Jan 2023–Present

- Led feature development for our Ruby on Rails & React.js infrastructure, including WebSockets for office hours queueing.
- Implemented token-based authentication for IAM access control to resolve unauthorized access to protected data.
- Configured a unified Docker setup, ensuring a consistent development environment and operational reliability.

Inturio, Software Engineering Intern   May–Aug 2021

- Developed a SwiftUI & Google Cardboard app to run Glaucoma field tests, optimizing the accuracy of VR diagnostics.

Silentmode, Software Engineering Intern   May–Aug 2020

- Built and designed new features under the lead developer, including a new real-time home feed using SwiftUI.

Awards & Achievements

Apple WWDC Scholarship Winner   2018, 2019, 2021

- Awarded scholarships to attend Apple's Worldwide Developers Conference (WWDC) in California (1/350 winners each year).
- Invented, designed, and built creative app experiences to win the competition, including an ML model for stay-at-home workout recommendations based on live camera body tracking, and a fun AR game using ML facial emotion analysis.

Community Service

CISxIdeas Hackathon, Co-Leader   2021

- Led a hackathon for secondary school students and worked directly with Microsoft for funding and talks from engineers.

Launch CS, Founder & Volunteer   2020

- Founded an initiative in partnership with Apple for students from underrepresented backgrounds in Hong Kong to learn Swift.

Kids4Kids, Volunteer   2019–2020

- Led the restructuring and redesign of Code + Create CS classes in Hong Kong.

Technical Skills & Languages

- Expert in Swift, SwiftUI, and iOS/visionOS app development. Experienced in C++, React.js, and Ruby on Rails.
- Proficient in Docker and architecting Cloudflare services including Pages & Workers.
- Languages: English (Native), Italian (Native), Chinese (Second Language)