Andy Lin

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EDUCATION

New York University Tandon School of Engineering | New York, NY — Expected May 2026
Bachelor of Science in Computer Science and Integrated Design and Media
Organizations: Tech at NYU, BUGS Open Source
GPA: 3.53

Stuyvesant High School | New York, NY — June 2022
Advanced Honors Regents Diploma

EXPERIENCE

Chamberlain Group | Oak Brook, IL | *iOS Mobile Software Developer Intern* — May 2025 – Present
- Designed and contributed to a redesigned and rewritten Discover myQ screen, built primarily in Swift and SwiftUI, for the myQ Residential app used by over 13 million users worldwide. The new screen was designed with modern modularization and separation of concerns in mind.
- Implemented unit testing for the new screens with Swift Testing.
- Researched and tested various generative AI models and workflows in the software development process of the myQ Residential iOS app, resulting in a 20% increase in developer productivity by accelerating initial screen implementation process.
- Collaborated and discussed with various stakeholders, engineers, and management on the appropriate usage of generative AI models and guided the development process of new features and bug fixes to the existing myQ Residential app.

New York University | New York, NY | *Level 1 I.T. Technical Support Specialist* — September 2022 – Present
- Deployed computers for employee use and developed methods to mass deploy software onto the computers.
- Created documentation for an internal asset management system and provided feedback on the system.
- Provided stellar technical support to employees by cutting through bureaucratic red tape.

PROJECTS

Test Timer | Swift, SwiftUI, UIKit, Mac Catalyst, Core Data, StoreKit
- Designed and built a SwiftUI app for Apple devices that allows users to keep track of their time on practice exams based on the number of questions remaining and the amount of time remaining. Previous versions of the app relied partially on UIKit and Mac Catalyst to implement multiple window support on iPadOS and native toolbars on macOS.
- Integrated the Live Activity API into the app so users can keep track of their timer and number of questions remaining on their Lock Screen or in the Dynamic Island.
- Integrated the StoreKit API to implement a paywall on the app for features such as saving and loading preset timer configurations into a database (with the Core Data framework) and app theming.

Criminal Database Capstone Project | HTML, CSS, JavaScript, Python, Flask, MySQL, Git
- Collaborated and built a Flask-based mock crime, criminal, and police tracking website for a fictional city as for the CS-UY 3083 capstone project.
- Integrated a MySQL database with multiple different interconnected tables to store data relating to the criminal and police activities of the fictional cities and to manage user accounts, including different levels of access controls to the criminal database and user account database.
- Used Git to collaborate with other teammates and integrate the frontend and backend components of the project.

SKILLS

- **Languages**: Swift, JavaScript, Python, HTML/CSS
- **Technologies**: SQL, Git, Flask, Mac Catalyst
- **Frameworks**: SwiftUI, UIKit, AppKit, Core Data, StoreKit, Live Activity API