

Technical Skills

Proficient: Swift, SwiftUI, UIKit, Combine, AVFoundation, Python, Java, GraphQL, Dart, Flutter, SQL,
Git Experienced: Objective-C, RxSwift, Go, Spring Boot

Experience

iOS Software Engineer L3

Google

August 2022 - April 2023

Devices & Services (Nest iOS)

- Leveraged expertise in Dart/Flutter, Swift, and Java to drive the development of key features; optimizing Nest Device live streaming capabilities, enhancing the UI across various views, and implementing complex business logic in a MVVM architecture.
- Improved live streaming efficiency of connected Nest Doorbells by 15% in Flutter and Swift, providing a more fluid viewing process.
- Boosted the app's accessibility by 40%, ensuring usability for visually impaired or deaf users and expanding the app's reach to a wider audience.
- Developed Swift and Java plugins to bridge the Flutter and native layers, enabling features like Bluetooth scanning and geofencing.
- Owned the end-to-end app submission process to the Apple Store, including the successful coordination with data privacy and design leads, lawyers, and product management for Privacy Nutrition Label approval.
- Developed code infrastructure that automated binary pushes to TestFlight and Google's internal iOS testing platform, streamlining the QA testing process and enhancing testing efficiency by 20%.

Software Engineer II

JPMorgan Chase & Co.

November 2020 - July 2022

Personalization & Insights (P&I)

- Assisted in the ideation and development of multiple features across various microservices, effectively managing the entire process from development to production, ensuring smooth rollouts.
- Implemented risk mitigation features in Java using an internal data protection framework, enhancing data security by 20%.
- Selected as the lead for the Software Engineer Program (SEP) Peer Mentorship Committee out of 150 applicants, and assisted incoming SEP engineers in adapting to corporate life at JPMC by introducing them to prevalent business and programming practices.
- Volunteered for JPMorgan's Force For Good Program in collaboration with Columbia University's *Justice Through Code* initiative, developing backend Java technology to facilitate the transition of previously incarcerated individuals into the tech workforce.

Software Engineer Intern

Animoto

June 2019 – August 2019

iOS Mobile Team

- Developed key UI features in an Agile setting using Reactive Swift, significantly enhancing user experience.
- Enhanced app performance by 10% through refactoring thumbnail generation code, improving video preview rendering and code maintainability.
- Partnered with the Customer Operations team to deploy a Zendesk SDK-based help desk, enhancing UX by simplifying issue categorization. This initiative streamlined user communication and reduced email volume by approximately 33%.

Projects

Skid

- Developed a full-stack mobile app using Swift, Python, and Flask to facilitate cross-departmental communication by showcasing employee skills
- Developed Python scripts to automate the generation of user data and profile pictures, leveraging the Generated Photos API for model headshot curation.
- Deployed a Flask-based REST API, enabling search, filter, and instant messaging features in the app.

Education / Training

Hunter College CUNY | Bachelor Degree | Computer Science

September 2015 - May 2020