

## SUMMARY

I am a seasoned Software Engineer specializing in iOS development and proficient in Swift, Objective-C, and Python. I have a track record in building scalable applications, improving code architecture, and implementing user-centered design, remaining agile while maintaining the integrity of mission critical code. I have experience building apps from the ground up with few to no constraints to working on large scale applications serving tens of millions of daily users.

## EXPERIENCE

### LinkedIn, Sunnyvale, CA

Senior Software Engineer, November 2021 - Present

- Shipped and iterated on features affecting 75 million monthly iOS users while maintaining stability of the codebase.
- Headed feature development of Communication Notifications leading to faster user response times to messages.
- Helped introduce some of the first SwiftUI implementations to the LinkedIn iOS app.
- Implemented Live Activities for Post Analytics, driving infrastructure updates for real-time notifications.
- Researched on-device machine learning to deliver more timely and higher quality notifications.
- Selected to attend Apple training on Apple Intelligence and the App Intents framework for integration with LinkedIn.
- Uncovered and resolved a bug where extension imports overloaded memory, causing push notifications to crash.
- Implemented Swipe Actions to improve user experience/satisfaction and boost engagement with notifications.
- Spearheaded a code refactor resulting in the removal of over 10k lines of code, increasing maintainability.
- Uncovered and fixed a bug overwriting the logs on launch, erasing logs after crashes, new sessions, and from extensions.

### Freelance Software Engineer, San Francisco, CA

Independent Contractor, January 2018 - October 2021

- The Rensing Center: Recovered hacked web server from redirecting to online pharmacies, implemented a secure online booking system for residents, enabled remote events through community tools, and revamped the website.
- KURL: Prototyped application for Personal Trainer booking service using Swift, MVVM, Firebase, and Hasura.
- Swiftly: Implemented UI for new coupon clipping application for Lucky supermarket using SwiftUI and SPM.
- OurHouse: Modernized and updated a fraternity/sorority management app in Obj-C adding new features in Swift.

### Credit Karma, San Francisco, CA

Software Engineer, April 2017 - December 2017

- Wrote integration tests reducing the testing time of the quality engineering process for releases by upwards of 50%.
- Developed best practices for migrating to AutoLayout in Swift and interoperability with our existing Objective-C code.
- Collaborated on the accessibility team to establish best-practices and enhance accessibility for differently-abled users.
- Created credit score history graph allowing users to see how their scores have changed over time.

### AreaLive (Now Yaza), San Francisco, CA

Software Engineer, January 2017 - April 2017

- Created a location-centric social media application enabling users to share and view multimedia posts utilizing AR.
- Integrated posts within map and camera views, enhancing user engagement by facilitating discovery of nearby content.
- Contributed to the product roadmap, shaping the long-term vision for user interactions and engagement strategies.

### Crossfader, San Francisco, CA

Software Engineer, October 2015 - December 2016

- Introduced live-feedback mechanism, bridging real-time communication between DJs and listeners and increasing user interactions and engagement with the app while listening by over 30x, utilizing Firebase to track analytics on usage.
- Implemented CI/CD pipeline using Travis CI and Fastlane, cutting the release cycle from every 4-6 weeks down to 2.
- Designed and launched custom in-app merchandise advertisements, leading to an almost 50% increase in revenue.

## EDUCATION

University of Florida, Gainesville, FL | Bachelor of Science, Mechanical Engineering | December 2014

## OPEN SOURCE PROJECTS

- **LangTools.swift**: LangTools for working with LLM apis in Swift. - [[\\*\]](#)
- **APNSTester**: Push notification testing application useful for development testing. - [[\\*\]](#)
- **DNDKit**: Delegate and DataSources kit that simplifies building tables and collections. - [[\\*\]](#)
- **SwiftlyAnimate**: Enables composable animations in Swift. - [[\\*\]](#)
- **Peer Connectivity**: A custom framework designed for straightforward Bluetooth/WiFi mesh networking. - [[\\*\]](#)

## SOFTWARE PROFICIENCIES

**Languages:** Swift, Objective-C, Python, JavaScript, C, C++, Lua

**Tools:** Git, Bash, Github, Atlassian, Xcode, Vim/Neovim, VSCode, Jira, Slack, Docker, Kubernetes

**Database Technologies:** PostgreSQL, MySQL, SQLite, MongoDB, Redis

**Cloud Computing Platforms:** AWS, Azure, Google Cloud Platform, Digital Ocean

**CI-CD:** Jenkins, Travis CI, CircleCI, GitHub Actions