# Gabriel Siu

## iOS Software Engineer

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## RELEVANT EXPERIENCE

### Mobile Engineer - iOS  @ Faire
Sept 2022 — Present   // Toronto, ON

- Intern on the Mobile Engineering team

### Mobile Engineer - iOS  @ Pivot
Jan — Apr 2022   // Redwood City, CA

- Developed features for the Pivot app using **Swift & SwiftUI**
- Implemented a re-enrollment flow to allow users to renew their subscription plan, utilizing factory classes in conjunction with the MVVM design pattern
- Refactored portions of the codebase from using hard-coded presets to dynamically loading data from the back-end
- Ensured that code adhered to WCAG accessibility guidelines (support for VoiceOver, and allowing fonts to dynamically scale up to 2x size), and implemented localizable text using BartyCrouch

### Mobile Developer - iOS  @ Intuit
May — Aug 2021   // Mississauga, ON

- Architected strategies to abstract app components into modular units for interchangeability with the US TurboTax app
- Created an external, modular dependency containing the onboarding flow extracted from the app
- Integrated AppDynamics analytics to be leveraged by internal app widgets

### Mobile Developer - iOS  @ TD Bank Group
Sept — Dec 2020   // Toronto, ON

- Built data sources to be leveraged by reusable components for upcoming features
- Implemented a POC for a refactor of the TD Canada app with iPad-specific layout and features in a small team
- Collaborated with cross-functional teams to ensure consistency in UI and UX design

### iOS & Back-End Developer  @ ZeMind Studios
Jan — Apr 2020   // Toronto, ON

- Developed features in **Swift & Objective-C** and integrated **Firebase Analytics** for multiple client apps
- Implemented features and bug fixes in **Go** for client apps' **REST API** servers, and tested my work using **Postman**

### Mobile Developer - iOS  @ Clearbridge Mobile
May — Aug 2019   // Vaughan, ON

- Developed a **CocoaPods framework** for use in current & future client apps, and wrote **unit tests** using XCTest to provide over 80% code coverage
- Implemented bug fixes in client apps using **Swift & Objective-C**, and performed code reviews for co-workers' PRs

## SKILLS

### Languages
Swift, Objective-C, C, C++, Golang, JavaScript, Python, HTML, CSS

### Platforms & Tools
UIKit, SwiftUI, Xcode, CocoaPods, Swift Package Manager

### Technologies
GraphQL, REST, Git

### Design
Sketch, Figma

## PROJECTS

### pocket.gg
iOS mobile client for the start.gg website using a **GraphQL API**, featuring a native bracket view and OAuth 2.0 login

### StickyNote
iOS runtime modification written in **Objective-C** which adds a virtual sticky note to a device's lock screen

## EDUCATION

### University of Waterloo
Sept 2017 — Present

4B, Candidate for BASc in Computer Engineering, Honours, Co-op