

Gabriel Siu

4A Computer Engineering

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SKILLS

Languages Swift // SwiftUI // Objective-C // Go // C/C++ // JavaScript // Python // HTML/CSS
Tools & Technologies CocoaPods/SPM // Xcode // GraphQL // REST // Git // SQLite // Node.js

RELEVANT EXPERIENCE

Pivot Jan. 2022 – Present
Mobile Engineer - iOS
• Intern on the Mobile Engineering team
Redwood City, CA (Remote)

Intuit May 2021 – Aug. 2021
Mobile Developer - iOS
• Developed features for the Canada TurboTax app using **Swift & Objective-C**
• 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
Mississauga, ON (Remote)

TD Bank Group Sept. 2020 – Dec. 2020
Mobile Developer - iOS
• Developed features for the TD Canada app using **Swift & Objective-C**
• 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
Toronto, ON (Remote)

ZeMind Studios Jan. 2020 – Apr. 2020
iOS & Back-End Developer
• 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**
Toronto, ON

Clearbridge Mobile May 2019 – Aug. 2019
Mobile Developer - iOS
• 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
Vaughan, ON

PROJECTS

pocket.gg Released Aug. 2021
• Developed an iOS mobile client for the smash.gg website in **Swift**, using smash.gg's **GraphQL API**
• Built a custom bracket view from scratch, capable of displaying both elimination and round-robin brackets
• Released the app on the Apple App Store, where it has gained **over 5,500 downloads**

StickyNote Released May 2020
• Developed an iOS runtime modification in **Objective-C** which adds a virtual sticky note to a device's lock screen
• Released the tweak on the Twickd repository, where it has gained **over 6,400 downloads**

EDUCATION

University of Waterloo Sept. 2017 – Present
Candidate for BAsC in Computer Engineering, Honours, Co-op