Shao-Chi (Andy) Liang

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Summary of Qualifications

‣ **Over 4 years** of experience in **iOS development** with multiple published App Store apps.
‣ Proficient in **Swift**, **Objective-C**, UIKit, Xcode, Auto Layout, and **Grand Central Dispatch**.
‣ Designed and developed apps that have reached the Top Charts on the App Store.

Technical Skills

Development
‣ Swift   ‣ Java
‣ Objective-C   ‣ C and C++

Design
‣ Sketch
‣ Photoshop

Platforms and tools
‣ iOS and macOS
‣ Xcode

Experiences

Yahoo! Inc. (Flurry SDK)   *May 2017–Aug 2017*
iOS Software Engineering Intern – Sunnyvale, CA   *Jan 2018–Apr 2018*

‣ Worked on the **Flurry Analytics** app and the **next-gen streaming protocol** for the iOS SDK.
‣ Delivered enhancements to the core analytics SDK **reaching billions** of sessions worldwide.
‣ Utilized the **Actor model** to deliver large scale modules with no deadlocks or race conditions.
‣ Added new features to the Flurry app, including iPad support and design enhancements.

Indie App Designer & Developer   *Jan 2014–Present*

‣ Designed, developed, and released multiple iOS apps, including: **Sigma Planner**, and **Blurry.**
‣ Open-sourced personal projects, and contributed to many open frameworks on GitHub.
‣ Created many in-house iOS projects that improve my efficiency in daily workflow.
‣ Experienced in graphics, user-interface and user-experience design.

Projects

Sigma Planner (iOS)   *Sep 2015-Present*
https://itunes.apple.com/ca/app/sigma-planner/id1106938042?mt=8

‣ Created a student task planner with **over 50K downloads** in its first year of release.
‣ Reached App Store Category Top Charts multiple times, including **Top 5's in 7 countries**.
‣ Built for students worldwide with customizable features to manage courses and tasks.
‣ Implemented a self-designed user interface, along with many graphical components.

Blurry (iOS)   *Jun 2017*
https://itunes.apple.com/ca/app/blurry/id1254612844?mt=8

‣ An ultra-lightweight app that allows the user to blur their photos for wallpaper creation.

Kyoushitsu / Passport (Web)   *Jan 2016–Oct 2016*

‣ An online platform currently deployed at local Vancouver high school for students to track
  their progress as they earn *badges* (achievements) based on goals set by the teachers.

vm (C++)   *Nov 2017–Dec 2017*

‣ Built a vim-like text editor using **C++** and multiple levels of abstraction.
‣ Implemented vim commands (including macros), text handling, and syntax highlighting.

Awards & Scholarships

‣ 2016 University of Waterloo President's Scholarship of Distinction
‣ 2016 B.C. Graduation Examinations Scholarship
‣ 2016 B.C. District/Authority Scholarship

Education

University of Waterloo   *Sep 2016- Jun 2021*
Waterloo, ON

‣ Candidate for *Honours Bachelor of Computer Science* (Cumulative GPA: 3.82)