

# Shao-Chi (Andy) Liang

@ andy.liang@uwaterloo.ca [andyliang.me](http://andyliang.me)  meteocho  andyscliang

## 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
- ▶ Objective-C
- ▶ Java
- ▶ C and C++

### Design

- ▶ Sketch
- ▶ Photoshop

### Platforms and tools

- ▶ iOS and macOS
- ▶ Xcode

## Experiences

### Yahoo! Inc. (Flurry SDK)

May–Aug 2017, Jan–Apr 2018

#### iOS Software Engineering Intern – Sunnyvale, CA

- ▶ 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.

## 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.
- ▶ Designed the UI with user-centric UX and also many graphical components of the app.

### 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–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–Dec 2017

- ▶ Built a vim-like command-line 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)