

Shao-Chi (Andy) Liang

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Summary of Qualifications

- ▶ Over 4 years of experience in iOS development with published App Store apps.
- ▶ Proficient with Swift, UIKit, Xcode, AutoLayout, and Grand Central Dispatch.
- ▶ Self-taught many programming languages, such as Swift and Objective-C.

Technical Skills

Development

- ▶ Swift
- ▶ Objective-C
- ▶ Java
- ▶ C and C++
- ▶ JavaScript
- ▶ Scheme

Design

- ▶ Sketch
- ▶ Photoshop
- ▶ InDesign

Platforms and tools

- ▶ iOS and macOS
- ▶ Xcode
- ▶ Source Control (Git)

Experiences

Yahoo! Inc.

May 2017–Aug 2017

Software Engineering Intern – Sunnyvale, CA

- ▶ Mobile development on the Yahoo! Flurry SDK Team working on their iOS products.
- ▶ Built the first major update for the official Flurry Analytics app on the App Store.
- ▶ Worked with designers on product and features for the Flurry Analytics app.

Indie App Designer & Developer

Jan 2014–Present

- ▶ Designed and developed iOS apps, including: Sigma: Student Task Planner, and Blurry
- ▶ Open-sourced many personal projects, and contributed to many frameworks on GitHub.
- ▶ Experienced in graphics design, and user-interface and user-experience design.

Vancouver School Board (Lord Byng Secondary)

Jan 2016–Oct 2016

Contract Web Developer – Vancouver, BC

- ▶ Created an online digital platform for students and teachers, using the MEAN stack.
- ▶ Designed and implemented an intuitive and simple-to-use web user interface.

Projects

Sigma Planner (iOS)

Sep 2015–Present

<https://itunes.apple.com/ca/app/sigma-planner/id1106938042?mt=8>

- ▶ Created a student task planner with nearly 50K downloads in one year.
- ▶ 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 for students to track their progress as they earn *badges* (achievements) based on goals and requirements set by the teachers.

Activities

Computer Science Club — Co-Founder & Co-President

Sep 2015–Jun 2016

Vancouver, BC

- ▶ Initiated a “code hub” in high school to give students a space to code.
- ▶ Prepared events and taught lessons on different programming languages.

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)