SUNNY CHAN

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SKILLS

Languages

Swift, Java, Python, Objective-C, C++, Scheme (proficient)

Go, JavaScript, HTML/CSS, (in progress)

EXPERIENCE

Software Engineer — Uber Technologies Inc.

San Francisco, CA (Aug - Dec 2016)

- Major contributions to Streamgate (a real-time messaging service in Java with Netty), including connection pooling (2X speed improvement), metrics integration and asynchronous unit testing
- Optimized status update experience for Uber riders in Go and Javascript by pushing real-time updates to mobile apps
- Measured and analyzed network efficiency of the real-time push channel on the new Uber iOS app in Swift

Mobile Software Engineer — Eventbrite Inc.

San Francisco, CA (Jan - Apr 2016)

- Restyled the Eventbrite Organizer iOS app in Swift with programmatic Auto Layout
- Worked closely with designers to build modular UI components (reused across the app)
- Independently completed hardware integration for a new third-party credit card reader with creative workarounds against SDK limitations

iOS Developer — Kik Interactive Inc.

Waterloo, ON (May - Aug 2015)

- Implemented the serialization and persistence layer and the UI for Suggested Responses (a feature that enables frictionless interaction with bots on Kik Messenger)
- Built the UI for interacting with Kik Codes (scannable QR codes that enable instant connections with users and bots)

Game Developer — Skytree Digital Ltd.

Hong Kong (Jan - Aug 2014)

- Collaborated with a graphic designer to design and develop Dodge or Die, a mini-game for iOS and Android (built using C# and Unity)

PROJECTS

Founder / iOS Developer — Magnet Pig

Hong Kong (Sep 2011 - Oct 2013)

- Founded a team of five in high school to design, develop and market Magnet Pig, a physics-based puzzle game for iOS (built using Objective-C and Cocos2D)
- Ranked the Top Paid App on the Hong Kong App Store at launch

AWARDS

WWDC Student Scholarship — Apple Inc.

San Francisco, CA (June 2013, 2014, 2015)

- One of 350 students worldwide selected to attend WWDC in 2013, 2014 and 2015
- Developed highly interactive "about me" (2014, 2015) apps with custom UI components to showcase my creativity and technical skills

EDUCATION

Bachelor of Computer Science at University of Waterloo

Waterloo, ON (Sep 2014 - Dec 2018)