

Stefan Pleava

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WORK EXPERIENCE

Google – Software Engineering Intern, Mountain View, CA June 2018 – Sept 2018

- Worked with the Wear connectivity team and Wear iOS companion team across two sites (Mountain View and London) to develop features, refactor code, identify and fix critical bugs
- Shipped a key piece of connectivity infrastructure between Wear OS watches and the Wear iOS companion app in Objective-C that sends RPCs over BLE using Obj-C blocks, protocol buffers and code generation
- Submitted over 3200 lines of Objective-C code with ~95% unit test coverage
- Increased the robustness of Wear OS time-keeping with a well-tested RPC handler in the Wear iOS companion

Cover Financial – Social Capital Fellow (Engineering), San Francisco, CA Sept 2017 – Dec 2017

- Integrated the Plaid SDK in order to accept payments via ACH to **increase premium margins by 30%**
- Built an iOS experience for purchasing device insurance with dynamic copy for A/B testing and deep links
- Implemented onboarding screens and animations to increase conversion at low points in the registration funnel
- Increased development velocity by refactoring app architecture to Clean Swift and leveraging code generation

Tinder – iOS Platform Engineering Intern, Los Angeles, CA Jan 2017 – May 2017

- Worked on improving the quality of the iOS app by introducing tooling for static code analysis, fixing bugs, lowering crash rates, and expanding unit test coverage resulting in an increase from **3 to 4 stars** on the U.S App Store
- Wrote a script to automate the localization (**L10N**) process saving **hundreds of engineering hours per year**
- Implemented new UI elements for the profile page of the Tinder app using Swift and Auto Layout
- Built an analytics service that used value types, protocols, and dependency injection to simplify instrumentation

Yahoo – iOS Engineering Intern, Sunnyvale, CA Apr 2016 – Sept 2016

- Developed a feature for local event discovery for a travel chat bot from the user research phase to public beta
- Prototyped an internal SDK integration that enabled server-side UI configuration for A/B testing in Yahoo Bots
- Built **modular UI components** in Objective-C that powered interactive message experiences for Yahoo Bots

TextNow – iOS Engineering Intern, Waterloo, Canada Sept 2015 – Dec 2015

- Shipped an anti-spam system on a **3-person team** for **over 400K MAUs** leveraging reCAPTCHA on iOS in order to **save an estimated \$50K per year** by decreasing fraudulent account registrations and spam messages sent

EDUCATION

University of Waterloo, B.A.S, Systems Design Engineering, Sept 2014 – May 2019
President's Scholarship with 92.6% entrance average

Chinese University of Hong Kong, B.A.S, Engineering Study Abroad, Jan 2018 – May 2018

SKILLS

Mobile Development: Swift, Objective-C, XCTest, Cocoa Touch, CocoaPods, Xcode, Git, Mercurial

Web Development: Python, Falcon, RESTful API Design, Elixir, Phoenix, JavaScript, React, SQL, Postgres

PROJECTS (see more at stefanpleava.com)

WATiSpend – iOS App + Backend Sept 2015 – Oct 2016

- Built an iOS app for meal plan management with Swift and **Firestore** which had **400 MAUs** at the University of Waterloo

FIRST Robotics Team 4946 – Founder Sept 2013 – June 2014

- Grew team from **4 to 40 members**, raised **over \$40K**, and built an **international award winning robot** in 6 weeks