

JUSTIN SCHULTZ

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[Algorithms Blog](#)
[Android Development Blog](#)

Updated 2/1/2020

A builder with a passion for usability, design, and fine details.
Founder. Software engineer. Open source contributor.

Experience

Android Program Manager / Staff Software Engineer (2019 - Present) @ [Lambda School](#) – San Francisco, CA

Wrote updated curriculum for Lambda School's Android program to include industry best-practices like Kotlin, Dagger 2, RxJava, coroutines, JetPack and gang-of-four design-patterns. Managed a team of Android Instructors, teaching assistants and curriculum developers. Built hundreds of Android applications for student projects to demonstrate Android best-practices. Established best-practices for versioning curriculum with peer-reviews in git. Architected and built backend services for a student job search portal using NodeJS, TypeScript, Express, GraphQL and Postgres.

Android Lead / Staff Engineer (2018 - 2019) @ [Eaze](#) – San Francisco, CA

Re-wrote the Eaze Android app in Kotlin using the model-view-presenter pattern, Dagger 2, RxJava, Retrofit Robolectric, Mockito and Conductor. Took the app from a rating of < 2.0 to 4.0 in 6 months. Pitched and built an "app rater" feature that keeps track of users' positive events in the app and asks them to rate the app when they've reached a threshold of positive events. Helped build and maintain the iOS and Android driver apps using React Native. Mentored junior engineers. Implemented continuous integration for all mobile apps using CircleCI, Docker and python.

Android Lead / Consultant (2015 - 2018) @ [eero](#) – San Francisco, CA

Built and helped design eero's Android app. Helped drive mobile features like feature-flags, analytics, broadcast messaging and forced-upgrades. Managed a team of remote engineers and helped hire and mentor local engineers to replace myself.

Director of Engineering (2014 - 2015) @ [Luxe Valet](#) – San Francisco, CA

Helped design and build Luxe's Android app using dependency-injection, the model-view-presenter pattern and material design. Helped recruit new engineers. Worked with Google for app promotion.

Android Lead / Architect / Product Lead (2012 - 2014) @ [Hotel Tonight](#) – San Francisco, CA

Architected and built the HotelTonight Android app for phones and tablets. Built a test and release process to ensure a production error rate of less than .02%. Worked with Google to secure two seasonal and two Editor's Choice promotions in Google Play. Android design panel member at Google I/O 2013. Recorded a DevBytes video on Android design at Google HQ. Managed a team of Android engineers and worked with executives to GTD. Built Ruby on Rails API to allow Google+ sign-in and Google Wallet transactions.

Senior Android Engineer / Architect (2011 - 2012) @ [Breezy](#) – Oakland, CA

Worked as senior Android engineer on Breezy's Android app. Wrote on-device document encryption using Rijndael and RSA encryption, and conducted product beta testing. Championed weekly code-review process. Built printer connector software using C#, WPF, Pusher and WebSockets.

Software Engineer / Architect (2008 - 2010) @ [Dow Jones, Inc.](#) – Minneapolis, MN

Designed and developed a web application to present time-series data for a customer's investment portfolio. Architected and developed RESTful web service to search for executives, companies, and financial instrument information using WCF, and .NET 3.5 (C#).

Software Engineer / Architect (2007 - 2008) @ [Wells Fargo, Inc.](#) – Minneapolis, MN

Designed and developed a document disposition system to automate the disposal of 45+ million paper loan documents per month. Championed Agile processes including test-driven development, and conducted Agile training for the project managers and business analysts. Championed design artifact standardization by conducting UML training, and setting up a Wiki.

Senior Instructor / Trainer (2001 - 2007) @ [Hands on Technology, Inc.](#) – Chelmsford, MA

Delivered Java, J2EE, XML/XSL, OOAD, ASP, C#/VB.NET, PHP, Perl, HTML, Javascript, and C Language training to companies like Kraft Foods, Accenture, and the United States Air Force, and in our public training centers world-wide. Aided in the development of ASP, ASP.NET, C#, Java, J2EE and XML course materials and labs. Wrote PHP Programming course from the ground up, including student guides, lab guides, and electronic solutions.

Projects**Open Source [Android Pusher Client](#), [Android Robolectric Unit Test Project](#)**

I built an open-source Java / Android client for Pusher that's being used in the Coinbase app and a few popular Android games, and a boilerplate Android unit-testing project (among others).

Other

Scrum Master with extensive Agile coaching experience. Solid understanding of Git. Lover of Gang-of-Four design patterns. Followed by Jason Calacanis on Twitter.