

# Tad Fisher

Android Engineer

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## Summary

As an Android engineer with a background in web and backend engineering, I'm looking to expand my technical and leadership skills in a senior engineering role. I'm passionate about user experience and about architecting systems that accelerate the ability of my teammates to get work done.

## Experience

- 2013–2021 **Senior Android Engineer**, *Simple Finance Technology Corp.*, Portland, OR.  
Second hire on the Android team. Wrote core features including Goals, Bill Pay, Instant Transfers, and Loans. Led initiatives to create a sustainable architecture and manage the complexity introduced by a growing team and burgeoning product needs. Designed the continuous integration workflow for all client applications. Played a mentorship role, keeping the Android team up-to-date with best practices and improving the developer experience.
- 2010–2013 **Web Application Developer**, *ALTRES Information Services*, Honolulu, HI.  
Designed and built full-stack web applications for Human Resources clients for use by thousands of employees. Used modern web standards and open-source libraries to drag a legacy system into the HTML5 era. Interfaced with third-party APIs for mobile and SMS support.
- 2007–2010 **Student Web Developer**, *Portland State University*, Portland, OR.  
Wrote and maintained a large-scale employee scheduling system for use by University staff and student workers. Built a hiring system to ensure compliance with federal Affirmative Action rules and guidelines. Maintained a public-facing Drupal site for the Office of Information Technologies.

## Education

- 2006–2010 **BS, Computer Science**, *Portland State University*, Portland, OR.  
◦ **Capstone Project:** "Virtual Ring Routing for Linux," under supervision of **Prof. Warren Harrison**, [github.com/subtleliant/Alpaca-VRR](https://github.com/subtleliant/Alpaca-VRR)

## Open Source

### android-nixpkgs

Android SDK packaged with the Nix package manager. Enables reproducible build environments for both engineers and CI.

### gradle2nix

Generate Nix expressions which build Gradle-based projects.

### gradle-test-lab-plugin

Lightweight solution to run tests on Firebase Test Lab directly from Gradle.

### pass-otp

password-store extension for managing one-time password (OTP) tokens.