JEREMIAH ZUCKER

Phone: (858) 776-8264
Email: zucker.jeremiah@gmail.com

Me: Hi, I'm a software engineer passionate about building high quality platforms with a bias towards solving developer problems. I'd be a great fit if you're looking for someone meticulous, who advocates "correctness", and strives for idiomatic solutions!

SKILLS:

Preferred Languages: Kotlin, TypeScript, Python
Frameworks/Tools: Kotlinx Serialization, Gradle, Bazel, Android, ReactJS, Compose, Maven

PROFESSIONAL EXPERIENCE:

Intuit - Staff Software Engineer   *Jan 2023 – Present*
➢ Designed multiplatform UI testing framework that generates tests from headless integration tests, increasing confidence in Player content and multiplatform integrations with minimal end-consumer effort.

Senior SWE   *Aug 2020 – Jan 2023*
➢ Android & JVM platform lead on Player, an open-source multiplatform dynamic rendering platform that has reduced render time (fully native) in *TurboTax* by ~10% compared to the same experience in a web view.
➢ Open sourced Kotlin Hooks, a plugin-driven architecture library for Kotlin based platforms. Includes a Kotlin Symbol Processing plugin, Gradle plugin, and Maven plugin.
➢ Designed internal Kotlin DSLs to boost content writer productivity and enforce greater content standards with compile time type checks and verification.
➢ Contributed and currently maintain Gradle plugin for Auto release tooling.
➢ Led Kotlin Learning Community @ Intuit consisting of bi-weekly meetups and a central knowledge base.

SWE II   *Jan 2019 – Aug 2020*
➢ Architected a new returning user flow to provide contextual based user progress and reduce time to resume taxes which reduced help and search queries by 40%.
➢ Recruited for a tiger team chartered with improving user retention rates accredited with +$20M of incremental revenue.
➢ Improved quality, maintainability, and understanding of DSL based services by creating a static analysis tool that is part of the build pipeline which deploys the analysis artifacts as a SPA.

SWE I   *Jun 2018 – Jan 2019*
➢ Key driver of a simplified tax experience overhaul that would reduce total tax return errors by 3% and reduce overall time to complete taxes for paid users by 6 minutes, correlating to $15 million in revenue.

SWE Co-op   *Jan 2017 – Jul 2017*
➢ Core contributor to the inception of the new *Turbo* application, laying the foundation for the web app and contributing to the iOS app.

L-3 Communications, GCS - Software Engineer Co-op   *May 2016 – Aug 2016*
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➢ Improved overall quality and testability by building a hardware device simulator in Python using the Linux CUSE interface to implement device drivers in user space.
➢ Refactored a proof-of-concept Android web-app into a production ready application that communicates with the terminals in real-time.

PERSONAL EXPERIENCE:

Clockwyse **–** Emergency alerting platform for serving emergency alerts through digital signage.

Jimmy Search **–** An ironic attempt to de-automate the search engine process. *(Android team)*
➢ Featured on Product Hunt, Hacker News, and Web Designer News.

EDUCATIONAL EXPERIENCE:

Rochester Institute of Technology, Rochester, NY
Bachelor of Science in Computer Engineering with a Minor in Computer Science, May 2018