

JEREMIAH ZUCKER

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SKILLS:

Languages: Kotlin, Java, JavaScript (ES6), Python, TypeScript, C++, Scala, Xtend, VHDL

Frameworks/Tools: ReactJS, Spring Boot, Android, Firebase Suite, VueJS, Xtext, Gradle, Maven

PROFESSIONAL EXPERIENCE:

Software Engineer II – Intuit

Jan 2019 – Present

- Enabled the cryptocurrency import experience for mobile app users with OAuth token support.
- Reimplemented tax landing tables to prevent users from wasting time in tax topics that aren't relevant based on user input and ML data models.
- 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.
- Assumed leading role on the Android portion of a OS-agnostic dynamic UI rendering platform.

Software Engineer I – Intuit

Jun 2018 – Jan 2019

- Replatformed *My Analysis & Advice* premium feature of *TurboTax* to a dynamic SVG rendered through React.
- Increased developer productivity by contributing debugging capabilities to a proprietary DSL.
- Improved quality and testability by creating a new Kotlin-based testing framework for DSL based services.
- 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, which directly correlates to \$15 million in revenue.

Software Engineer Co-op – Intuit

Jan 2017 – Jul 2017

- Integrated third party loan provider to serve personalized offers to qualified users.
- Built a data aggregation service to enable meaningful data insights and predictions by leveraging user data.
- Core contributor to the inception of the new *Turbo* application, laying the foundation for the web app and contributing to the iOS app.

Software Engineer Co-op – L-3 Communications, GCS

May 2016 – Aug 2016

Jun 2015 – Dec 2015

- Developed embedded software written in C++ for portable satellite terminals.
- 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.

- Web portal enables administration and integration with a modern, easy-to-follow UI.
- Multiplatform clients allow for device flexibility (includes Android, iOS, ChromeOS, and web).
- Kotlin-based Android app created to serve as a device policy controller to provide a dedicated device experience for maximum stability.

Pandroid – Custom Pandora client for Android written in Kotlin.

Jimmy Search – An ironic attempt to de-automate the search engine process. (*Android team*)

- This project was 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