

Elijah R. Verdoorn

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Experience

- **WeWork** **San Francisco, CA**
Software Engineer *September 2019 – May 2020*
 - Lead development of spatial rendering SDK for Android client consumption enabling visualization of interior building floor plans, world map locations, and arbitrary data overlays on mobile devices through both MapBox and Google Maps SDKs
 - Architect and implement tools and workflows to support SDK-based development; leverage resulting SDKs in rapid development of prototype products
 - Create, maintain, and enforce via continuous integration custom linting rules to improve and enforce code quality standards
 - Collaborate across development teams to understand and follow best practices for modern Android development using Kotlin coroutines
 - **Pandora** **Oakland, CA**
Software Engineer *February 2018 – September 2019*
 - Modernize legacy Android codebase to use up-to-date technologies including RxJava, Kotlin, Coroutines, and Android Jetpack
 - Design and implement reactive, repository-based system for caching and displaying mobile ads to improve revenue and code re-usability
 - Implement and manage sustainable on-boarding process, reducing ramp-up time and increasing satisfaction among new hires
 - Mentor intern and apprentice, guiding through project and professional development

Software Engineering Intern *July 2017 – August 2017*

 - Implement and test user-facing feature to enable automated music playlist generation based on data from the Music Genome Project
 - **St. Olaf College Student Government Association** **Northfield, MN**
Chief Technology Officer *April 2016 – June 2017*
 - Hire, train, and lead a team of software developers to build and maintain the digital student hub, oleville.com
 - Architect, build, deploy, and support mobile apps on iOS and Android to increase engagement with student government and ease dissemination of information
 - Sit on the Executive Committee and Student Senate, participate in planning and executing campus events; implementing policy around improvements to campus culture
 - **St. Olaf College** **Northfield, MN**
Digital Scholarship Intern *August 2014 – December 2017*
 - **Proto Labs** **Maple Plain, MN**
Software Development Intern *May 2016 – August 2016*
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Education

- **St. Olaf College** **Northfield, MN**
B.A. Computer Science, Mathematics *August 2014 – December 2017*
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Projects

- **Chrono Daily Deal** *Actions on Google, DialogFlow, Firebase, Kotlin, JavaScript*
 - Develop, deploy, and support Google Assistant Action to report the current discounts available on online video game retailers
- **Recipebook** *Kotlin, KotlinX Coroutines, RxJava*
 - Implement, and maintain sets of sample code demonstrating different best practices for accomplishing various common tasks in Kotlin

- **Duplicate Tab Hotkey**

JavaScript, Google Chrome Extensions

- Publish and support ad-free, open-source, limited-permission extension for Google Chrome to add a hotkey for duplicating currently focused tab

Technical Skills

Platforms: Android, Web Front-End, API Development, Actions on Google (Google Assistant), Firebase, Google Cloud Platform, Google Chrome Extensions

Languages: Kotlin, Java, JavaScript, C++, L^AT_EX, SQL, BASH

Tools: IntelliJ, Android Studio, Vim, Git, Linux, Bugsnag

Technologies: KotlinX Coroutines, RxJava, Android LiveData, Room, Android MVVM, MapBox, Google Maps SDK, Espresso, JUnit, Dialogflow, Firebase Functions, Google Analytics