

Elijah R. Verdoorn

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Experience

- **WeWork**

Software Engineer

San Francisco, CA

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
- Design, develop, and deploy new Android application to enable novel experiences within existing co-working spaces, expanding potential market leading to increased revenue and customer satisfaction

- **Pandora**

Software Engineer

Oakland, CA

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

- **St. Olaf College Student Government Association**

Chief Technology Officer

Northfield, MN

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**

Digital Scholarship Intern

Northfield, MN

August 2014 – December 2017

- **Proto Labs**

Software Development Intern

Maple Plain, MN

May 2016 – August 2016

Education

- **St. Olaf College**

B.A. Computer Science, Mathematics

Northfield, MN

August 2014 – December 2017

Projects

- **Chrono Daily Deal**

Actions on Google, DialogFlow, Firebase, Kotlin, JavaScript

- **Recipebook for Kotlin and RxJava**

Kotlin, KotlinX Coroutines, RxJava

- **Duplicate Tab Hotkey**

JavaScript, Google Chrome Extensions

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, Jira

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