

# Leo Zhan

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## Experience

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### Google

Sunnyvale, CA

SOFTWARE ENGINEER - FIREBASE PERFORMANCE MONITORING

Aug. 2021 - Mar. 2023

- Enhanced Firebase Performance Monitoring with a top requested feature providing UI jank insights
- Reduced startup time of Firebase Performance by 35% via code profiling and finding bottlenecks
- Proposed and dark-launched a project that reduces app-start measurement discrepancy with Google Play by 87%
- Implemented a new foundational SDK that connects data between Crashlytics and Firebase Performance

### Google

Remote

SOFTWARE ENGINEERING INTERN - FIREBASE ANDROID CORE

May. 2020 - Aug. 2020

- Created deprecated Firebase library alerts affecting millions of users in Android Studio
- Revamped Android Studio's Firebase Connect, which sets up and enables code-sharing with App Quality Insights
- Built a precursor to App Quality Insights, enabling real user stack traces to be debugged directly in Android Studio

### Aetion

New York, NY

SOFTWARE ENGINEERING INTERN - AETION EVIDENCE PLATFORM

Sept. 2019 - Dec. 2019

- Software engineer for Aetion Evidence Platform, a healthcare analytics tool used by the FDA
- Improved client-requested patient sampling feature with 10 times faster run time
- Developed and launched a feature that enables complex patient filters to be created through various combinations

### IBM

North York, ON

SOFTWARE DEVELOPER INTERN - OPENPAGES GRC PLATFORM

Jan. 2019 - Apr. 2019

- Implemented document sorting in Watson Regulatory Compliance, from DB2 schema migrations to UI in React
- Created a user audit table with Spring and JPQL to record user logins for better client support
- Decreased app deploy time by 5 minutes through optimizing CI

### D2L

Toronto, ON

SOFTWARE DEVELOPER INTERN

May. 2018 - Aug. 2018

- Developed a React web app that issues OpenBadges, with complete flow from OAuth2 to database to webpage
- Technologies worked with: Python, React, Redux, Node.js, MongoDB

### L4 Ventures

Toronto, ON

BLOCKCHAIN APPLICATION DEVELOPER

Sept. 2017 - Dec. 2017

- Developed a generalized wallet and creator for Ethereum NFTs
- Built frontend login, market, inventory, buy/sell flow as well as backend Node/Express REST API
- Created an Ethereum contract crawler that stores contract states into a PostgreSQL database

## Projects

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### OverStats – [goo.gl/jCb146](https://goo.gl/jCb146) - most popular Android app for Overwatch

- Android app with 100,000+ downloads on Play Store, rated 4.7 stars at 5k reviews, peaked 1,400 daily active users
- Helps players improve by providing detailed game data and player statistics tracking for Overwatch

### Ctrl F – [goo.gl/8JQGJB](https://goo.gl/8JQGJB)

- Android AR app with 10,000+ downloads on Play Store and 1,200 installed devices
- Locates keywords on physical text with a live view of the phone camera, using Google's Mobile Vision API

## Skills

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- Languages: Java, JavaScript, Kotlin, Swift, C/C++, C#, Python
- Tools/Frameworks: Git, Unix, SQL, Android, iOS, JavaFX
- Web: HTML, CSS, React, Node.js, jQuery, Express, Redux

## Education

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### University of Waterloo

Waterloo, ON

BACHELOR OF COMPUTER SCIENCE

- Graduated June 2021 with Distinction