

# Leo Zhan

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## Skills

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- Languages: Java, C/C++, C#, JavaScript, Python, Solidity, SQL, XML
- Tools/Frameworks: Android Studio, Git, MongoDB, DB2, Spring
- Web: HTML, CSS, jQuery, Node.js, Express, React, Redux

## Experience

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### Full Stack Engineering Intern

AETION

New York City

Sept. 2019 - Present

- Software engineer for Aetion Evidence Platform, a healthcare analytics tool used by the FDA
- Delivered client-requested patient sampling feature with 10 times faster run time
- Added feature that combines patient filters using AND/OR expressions to enhance cohort creation

### Software Developer

IBM

Toronto

Jan. 2019 - Apr. 2019

- Implemented sorting feature in document sidebar to improve user experience
- Created an user audit table in SQL and Java to record user logins for better client support
- Decreased app deploy time by 5 minutes through reducing unnecessary function calls

### Software Developer

D2L

Toronto

May. 2018 - Aug. 2018

- Developed a web app in React that issues OpenBadges2 certificates
- Implemented the complete flow from database to webpage
- Created a script that generates review topics from lecture slides using TextRank and TagMe API

### Blockchain Application Developer

L4 VENTURES

Toronto

Sept. 2017 - Dec. 2017

- Developed a web app that allows users to store and trade Ethereum digital assets
- 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/jCbl46](https://goo.gl/jCbl46)

- Android app with 100,000+ downloads on Play Store, rated 4.5 stars with 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)

- Locate keywords on physical text with phone camera similar to augmented reality
- Built with Google's Mobile Vision API

## Awards

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### ECOO Programming Competition

- 5th place in Ontario-wide contest with over 400 teams

## Education

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### University of Waterloo

B.S IN COMPUTER SCIENCE

Waterloo

Sept. 2016 - Apr. 2021

- 3.6/4.0 cumulative GPA