

Leo Zhan

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Skills

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

Experience

Software Developer

D2L

Toronto, ON

May. 2018 - Aug. 2018

- Developed Brightcerts, a web app that issues OpenBadges2 certificates, with the option of hashing onto Bitcoin or Ethereum
- Implemented the complete flow for Brightcerts from OAuth2 to database to webpage
- Created a script that generates review topics from lecture slides using TextRank and TagMe API
- Technologies worked with: Python, React, Redux, Node.js, MongoDB

Blockchain Application Developer

L4 VENTURES

Toronto, ON

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 caches the state and makes queries 60x faster
- Technologies worked with: HTML, CSS, Bootstrap, PostgreSQL, Express.js

Projects

OverStats – goo.gl/jCbl46

- Android app with 100,000+ downloads on Play Store, rated 4.6 stars with 1,400 daily active users
- Provides comprehensive in-game data and tracks player statistics for Overwatch
- Built with Firebase and Blizzard's Battle.net API

Ctrl F – goo.gl/8JQGJB

- Locate keywords on physical text easily with phone camera
- Built with Google's Mobile Vision API

Contract Watchmen – contractwatch.men

- Web app that watches for Ethereum smart contract events

Diffusion Simulator – goo.gl/eEezIC

- Simulation app for 2D particle collisions, used to demonstrate diffusion
- Implemented a game loop running on a separate thread from UI

Awards

ECOO Programming Competition

2016

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

Education

University of Waterloo

CANDIDATE FOR B.S IN COMPUTER SCIENCE

Waterloo, ON

Sept. 2016 - Present

- 3.6/4.0 cumulative GPA