


# David Li

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## Work Experience

### Technician @ DJKits Enterprises Ltd

Aug 2020 — Present

- Assist in installation of aluminium fences, gate and garage motors, CCTV cameras and smart home equipment.

### Software Developer @ IBM

May 2019 — Sep 2019

- Implemented features and fixed defects for the Explore component of IBM's Cognos Analytics.
- Ported and integrated features from legacy JavaScript frameworks to Explore's mainly React based application.
- Worked closely with gatekeeper to diagnose and streamline Explore's automated testing (unit, functional and system tests) processes and technologies.

### Software Development Engineer @ Sierra Wireless

Sep 2017 — May 2018

- Worked with the embedded software team to implement new features and fix defects for compatibility with Windows.
- Designed and implemented automated static code analysis as part of Sierra's automated testing procedures.
- Primarily worked in C++ and C# on Visual Studios.

## Projects

### I Kant C

C# / Unity

- A platformer where you can't see!
- Created for the 2020 GMTK Game Jam with the theme: Out of Control.

### Summary

TypeScript / Node.js / Vue.js / TailwindCSS

- Text summarizer to split and rank sentences to create concise summaries.
- Summarizes the given text using both TextRank and RAKE to allow for comparison between the two algorithms.

### It Depends

Reactjs / TypeScript / d3.js

- A tool for learning more about codebases by visualizing cross-cutting dependencies across commit history.
- Retrieves commit information from GitHub's API for analyses and rendered on the front-end using React and d3.js.

## Education

### Bachelors of Commerce, University of British Columbia

Sep 2015 — May 2020

- Major in Business and Computer Science (BUCS)

## Key Competencies

[\* Working knowledge]

### Programming Language

JavaScript, TypeScript, C++, Java, C, C#\*, Python\*

### Web Technologies

#### Front End

ReactJS, Redux, Mobx-State-Tree, HTML, CSS, Mobx\*, Electron\*, SASS\*

#### Back End

Node.js, REST, GraphQL\*

#### Testing

Jest, Mocha, Chai, Puppeteer\*

### Database

MySQL

### Other

Unity, Photoshop, InDesign, Illustrator\*, After Effects\*