David Li

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Work Experience

Technician @ DJKits Enterprises Ltd

Aug 2020 — Present

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

Software Developer @ IBM

May 2019 — Sep 2019

- Implemented features and fixed defects for the Explore team of IBM's Cognos Analytics.
- Ported and integrated features from legacy JavaScript frameworks to Explore's React based application.
- Worked closely with and, at times, as the 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

- 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*
```