

Connor Kent

SOFTWARE ENGINEER

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Technical Skills

Programming Languages

JAVASCRIPT, PYTHON, C++, JAVA, C

Web Development

JAVASCRIPT, HTML5, CSS3, REACT.JS, MATERIAL-UI, NODE.JS, EXPRESS, RESTFUL API, BOOTSTRAP

Database

MONGODB

Experience

DOZR

Kitchener ON

SOFTWARE ENGINEER

Sept. 2018 - Dec. 2018

- Implemented login capabilities to the DOZR platform using **Express Sessions** to enable users to manage their personal accounts at anytime, **increasing visitor retention by approximately 400%**.
- Automated the supplier on-boarding process using **React.js** to design an intuitive UI for new customers to join the DOZR platform.
- Created a **price-analysis algorithm** to enable new users to see potential earnings based on custom equipment specs and user location. Built using **JavaScript** and **MongoDB**.
- Built a **data-pipeline** using **JavaScript** to generate potential tags for each equipment model in the database then scrape relevant images and upload them to **Google-Cloud**

BMO Financial Group

Toronto ON

IT OPERATIONS ANALYST

Jan. 2018 - Apr. 2018

- Maintained up-to-date User ID Audit Logs by parsing through BMO's **z/OS** based mainframe to ensure there were no breaches in security protocol.
- Created and managed a department wide information distribution system using **SharePoint**, **Excel** and **VBA** to track and share information about current and upcoming technology projects within the company.
- Wrote and maintained official documentation for a major mainframe security reorganization initiative.

Projects

DOZR Pong

WEB APPLICATION

- Built a web-app to be used in conjunction with the office Ping Pong tournament using the **Google Sheets API**, **React.js**, and **Material-UI** to keep track of rankings and schedules as well as individual player stats.

Operation-playing Robot

Toronto ON

ROBOT

Jan. 2018 - Apr. 2018

- Designed, constructed, and programmed a version of the board game "Operation" using EV3 and Tetrix robotics; utilizing continuous and standard servo motors, as well as color and touch sensors.

Education

University of Waterloo

Waterloo ON, Canada

BASC. IN MECHATRONICS ENGINEERING

Sept. 2017 - PRESENT

- Awarded the President's Scholarship of Distinction for entering university with an average of 95+%.