

# BRYAN LIU

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## Education

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**University of Toronto** | Candidate, H.B.Sc., Co-op Software Engineer Specialist 2018 - 2023

- > Dean's List 2019, Entrance Scholarship, cGPA: 3.43/4.00

## Work Experience

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**OpenText** | Full Stack Developer Intern January 2020 – September 2020

JSP | Java | SQL

- > Developed a feature that allows the client to easily manage and perform CRUD operations on an xml file used to customize job previews for OpenText Media Management, an asset management solution
- > Developed a tool for the client to fully customize, design and preview OTMM notification emails with their company's brand colours and logo

**University of Toronto** | IT Help Desk Part-time September 2019 – January 2020

**Lakeridge Health** | IT Technician (Highschool) Intern & Rehired Fulltime January 2018 – September 2018

## Projects

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**Due Diligence for Dummies** November 2020

React.js | Redux | Node.js | Express.js | Python | GCP <https://github.com/liubryann/ddd>

- > A web application allowing new investors to search for a stock and generate summaries of the public's opinion of it using web scraping and GCP NLP sentiment analysis and text summarization

**U-Impactify** September 2020 – November 2020

React.js | Redux | Node.js | Express.js | Firebase Private repository

- > Worked in a team of 7 to build a full stack e-learning web application that allows users to create and take courses, customize their profile, and post on a messaging board for job opportunities
- > Developed the entire course creation feature with a dynamic course outline, and the ability to upload videos and descriptions by generating a signed URL using google cloud storage
- > Performed scrum master duties by facilitating daily stand-ups, assisting team members with clarifications and suggestions for their tasks, and ensuring all sprint goals and deliverables are met in a timely fashion

**Sales Application** September 2019 – December 2019

Java | XML | SQLite | Android [github.com/eric-li18/sales-application](https://github.com/eric-li18/sales-application)

- > Worked as scrum master in a team of 4 to build a mobile shopping platform that allows customers to purchase items, employees to restock inventory, and an admin to view sales logs and manage accounts
- > Built with SOLID design principles, full Java documentation, and utilising feature branching on SVN

## Skills

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**Languages** TypeScript, Java, C, Python, Shell Script

**Backend** PostgreSQL, MongoDB, Firebase, Neo4j

**Technologies** React.js, Redux, Node.js, Express.js, Flutter

**DevOps** Git, SVN, Docker, GitHub Actions, Postman, Jira

## Relevant Courses

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Intro to CS | Software Tools & Systems | Software Design | Algorithm & Data Structures | Software Engineering