Bryan Liu

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EDUCATION

UNIVERSITY OF TORONTO
Candidate H.B.Sc., Co-op
Software Engineer Specialist
Expected Grad: May 2023
cGPA: 3.48 / 4.0

LINKS

Website:// liubryan.com
Github:// liubryann
LinkedIn:// bryanliu-2000

SKILLS

LANGUAGES
Java • C • Python • Bash
JavaScript • HTML • CSS

TECHNOLOGIES
React • Redux • Node • Express
Flask • NumPy • pandas • scikit-learn
Struts 2 • Hibernate • Spring
Cloud Functions • Cloud Storage
Saas • Less

DATABASES
MongoDB • Cloud Firestore
PostgreSQL • SQL Server • MySQL
Neo4j

OTHER
Git • SVN • Docker
LaTeX • Markdown

COURSEWORK

UNDERGRADUATE
Introduction to Computer Science
Software Tools and Systems
Software Design
Introduction to Machine learning
Algorithms and Data Structures
Introduction to Software Engineering

AWARDS

UofT Charles W. Brown Award 2020
UofT Dean's List 2019
UofT Admission Scholarship 2018
DAWSS Staff Award 2018
(for founding technology club)

EXPERIENCE

OPENTEXT | Full Stack Software Developer Intern
Jan 2020 - Sep 2020 | Richmond Hill, ON
- Worked on the OpenText Media Management Admin team using JSP, **JavaScript**, Struts 2, **Java**, Hibernate, 3 variations of **SQL** and **Docker**.
- Developed a feature that allows the client to easily manage and perform CRUD operations on an xml file used internally to customize digital asset job previews.
- 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
Sep 2019 – Jan 2020 | Toronto, ON

LAKERIDGE HEALTH | IT Technician (high school) Intern
Jan 2018 – Sep 2018 | Oshawa, ON
- Configured and installed network switches, setting up appropriate redundancies to reduce the risk of failure for vital clients in the hospital

PROJECTS

DUE DILIGENCE FOR DUMMIES ⌗ ⊘ | React, Redux, Flask, GCP
Nov 2020 – Present | Hack Western 7
- A stock market research platform for new investors, using **Cloud Natural Language** sentiment analysis and text summarization to generate simplified opinions of a company from retail and institutional investors.

PORTFOLIO-V3 ⌗ ⊘ | TypeScript, React, Less
Oct 2020 - Nov 2020 | Personal Project
- Rebuilt personal portfolio using React with the Ant Design UI library and **Less.js**.
- Features a responsive, minimal design with light and dark theme switching.

U-IMPACTIFY | React, Redux, Express, Node, Firebase
Sep 2020 – Dec 2020 | Software Engineering Final Project
- Worked in a team of 7 to build an 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 features to take and create courses with the ability to make a dynamic course outline, upload instructional videos and descriptions, and then enroll in the course and play those videos back as a student.
- 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.

TALENT ⌗ | TypeScript, React, Redux
Aug 2020 – Present | Developer Student Club Project
- Developed front-end authentication error handling for Talent, a web application to be used for recruiting new members of the **Developer Student Club**.

AFFORDABLE CALCULATOR ⌗ ⊘ | Java, Android
Jul 2017 – Aug 2017 | Personal Project
- Android calculator **active on 30k devices** (2020), most popular in developing countries filling niche in the app market of phones running a low version of OS.