Jiasong Liang

Email Address	jiasong.liang@mail.utoronto.ca
Phone	647-975-8018
Address	1265 Military Trail, Scarborough, ON M1C 1A4

Skills

- Programing Languages: Java, Python, C, C#, JavaScript, Golang;
- Development Framework: Spring Framework, ReactJS, VueJS;
- Development Tools: Git, Github Actions, Jenkins, Octopus Deploy;
- Shell Scripting: Bash, Microsoft PowerShell;
- Database Management: MySQL, Microsoft SQL Server, Postgres SQL, MongoDB, Neo4j.

Education

Sep 2017 - Dec 2021 (Expected)

Candidate, Honors Bachelor of Science

University of Toronto Scarborough

- Computer Science Specialist Co-op Program, Software Development Stream, 4th Year;
- Received Entrance Scholarship issued in September 2017;

Working Experience

September 2018 - April 2019

Co-op DevOps Specialist

Fleet Complete

- Collaborated with the development team members to speed company wide projects up in CI & CD;
- Monitored the servers of multiple environments with other DevOps team members, assiting to provide a high-available services to developers and customers;
- *Technical Environment*: Jenkins, Octopus Deploy, PowerShell, IIS, C#.

September 2020 - December 2020

SQL Client DBA, Co-op

Sun Life Financial

- Built and maintained the internal SQL Server Resource and Status Monitoring Service using C#;
- Collaborated with development teams to monitor, maintain a variety of SQL servers;
- *Technical Environment*: MSSQL, C#, Python, PowerShell.

January 2021 - April 2021	**Teaching Assistant**
	University of Toronto Scarborough

- Teaching Assistant of Course CSCC09: Programming on the Web;
- Assit the instrutor on teaching and host a practice session weekly;
- *Technical Environment*: JavaScript, MongoDB.

Personal Projects

Moment

A webpage app like instagram where users can share images with face detection integrated.

- The frontend of the app is implemented in ReactJS, the backend is in NodeJS with Express Server and it uses Redis and MongoDB for data caching and persistance;
- Face Dectection using face-api.js
- The app was developed in approach of agile development with a team of 3 people, I am majorly working backend server and Face Detection;
- It is the course project of CSCC09, Programming on the Web.

Fanlinc

A web app that provides platform for users to forge meaningful friendship with others who share the same interest.

- The frontend of the app is implemented in ReactJS and the backend is in Java with Spring framework Maven;
- The app was developed in approach of agile development with a team of 6 people;
- It is the course project of CSCC01, Introduction to Software Engineering.

OctoTool

A Console App to help Octopus projects deployment automation setting up.

- The app was developed based on C#;
- It interacts with Octopus REST API to manipulate the projects and deployment settings;
- It helps when having a large number of applications or projects to deploy.

Github Blog

My Personal blog hosted using Github Page built on on top of Hugo and integrated with Github Actions.

Jshell

A mock file system controlled by the Command line input in the terminal.

- The app was developed based on JAVA;
- It is the course project of CSCB07, Software Design;
- The team Held regular meetings with the team members to control the progress of the product and solve design problems and misunderstanding.

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