

Jiasong Liang

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Skills

- Programming 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, 3rd Year;
- Received Entrance Scholarship issued in September 2017;

Teaching Experiences

Jan 2021 -
Apr 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.

Working Experiences

Sep 2020 -
Dec 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.

Sep 2018 -
Apr 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, assisting to provide a high-available services to developers and customers;
- *Technical Environment:* Jenkins, Octopus Deploy, PowerShell, IIS, C#.

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 persistence;
- Face Detection 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.