# 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 Experiences

**May 2021 - Aug 2021**

**Teaching Assistant**

**University of Toronto Scarborough**

- Teaching Assistant of Course **CSCC69**: Operating systems;
- Hosted Weekly tutorial sessions and assisted on course project improvement and grading;
- *Technical Environment*: C, Linux Kernel.

**Jan 2021 - Apr 2021**

**Teaching Assistant**

**University of Toronto Scarborough**

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

**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, assiting 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 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.

**jiasong.liang@mail.utoronto.ca** • 647-975-8018

1265 Military Trail, Scarborough, ON M1C 1A4