Jiasong Liang

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Skills

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

Education

September 2017 - May 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;
- Current *cGPA*: 3.45.

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#.

Technical Experience

Moment

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

- The frontend of the app is implemented in ReactJS and the backend is in NodeJS with Express Server;
- 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.

GithubPage

My personal blog hosted on Github Page.

- The page was developed based on Hexo;
- Using TravisCI to build and deploy automatically when pushing to the source repository.

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.

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.

Formula Game   A console game for two people to choose the Boolean value for the variable by turn in the given formula in order to make the formula finally true or false.

- The app was developed based on Python;
- Implemented with the Binary Tree to calculate the Boolean value of an input formula
- It is the course project of CSCA48, Introduction to Computer Science II.

Jshell