

Dishu Lyu

lesterlyu.github.io

EXPERIENCE

Software Developer Co-op

Xiamen Dnake Intelligent Technology Co., Ltd.

JUNE 2016 – AUGUST 2016

Port C++ code into a web application with Spring MVC framework.

Software Developer Internship

Ontario Ministry of Health and Long-Term Care

SEPTEMBER 2018 – AUGUST 2019

R&D a generic data collection tool using MS Excel like web interface. Involves in real time formula parsing and evaluating in the browser runtime.

Research Assistance / Developer

University of Toronto

JANUARY 2020 – PRESENT

Work on a web app of social needs market that provides volunteer opportunities. Django & React.js.

SKILLS

Programming and DB

C, C#, JAVA, JavaScript (Node & Browser), Python, Shell, \LaTeX , SQL, NoSQL

Framework & Library

Node.js, React.js, React Native, Express.js, Django

Other

HTML5, CSS, Git/Github, SVN

INTERESTS

- Computer Networks & Low Level Programming
- Web Full Stack Programming

EDUCATION

University of Toronto

A&S BACHELOR'S DEGREE (2015 - APRIL 2020)

- Computer Science Specialist
 - Focus on Artificial Intelligence
 - Focus on Web and Internet Technologies
- Statistics Minor

PERSONAL INFORMATION

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Portfolio: lesterlyu.github.io

Github: github.com/LesterLyu

PUBLIC PROJECTS

The following projects are available on Github Page.

2019 **Generic Data Collection Tool**

A web app designed for businesses to create data collection forms on the fly and collect data in a short period of time. The access control of the app is similar to Access Control List in File Systems. It provides MS excel like web interface for ease of use.

2019 **Xlsx Populate**

A JavaScript library that creates or modifies MS Excel files. It supports real-time formula evaluating and is able to run in the browser.

2019 **Excel Formula Parser**

A JavaScript library to parse and evaluate MS Excel/Google Sheets formulas with near 300 formulas support and competitive performance.

2017 **Connect Four AI**

An implementation of Minimax Algorithm on Connect Four with GUI.

2016 **UofT Timetable**

A timetable Android app for students in University of Toronto. Available on Play Store. Students can import their timetable from their student account and search course details.

2016 **Acorn API**

An Acorn API for University of Toronto. Acorn is UofT's student information service. It has no public API. I wrote this to support the UofT Timetable above.

NOTES

This resume also available on
<http://lesterlyu.github.io/resume.pdf>