Dishu Lyu

lesterlyu.github.io

WORK 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.

SKILLS

Programming and DB

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

Framework & Library

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

Other

HTML5, CSS, Git/Github, SVN, Tomcat

Languages

English, Mandarin

INTERESTS

- Machine Learning & Visual Computing
- Computer Networks & Low Level Programming
- Web Full Stack Programming

EDUCATION

University of Toronto

A&S BACHELOR'S DEGREE PROGRAM (2015 - NOW)

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

PERSONAL INFORMATION

Name:	Dishu Lyu
Telephone:	+1 647 531 4345
E-mail:	lvd2000@gmail.com
	lester.lyu@mail.utoronto.ca
Github:	github.com/LesterLyu
Website:	lesterlyu.github.io

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