

# Dishu Lyu

lesterlyu.github.io

## EXPERIENCE

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### *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 – AUGUST 2020

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

## SKILLS

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### *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

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

## EDUCATION

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### *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

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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

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