

LE RONG (LARRY) SHI

Software Developer

@ shilerong@gmail.com

☎ 343-777-8457

🐙 larryworm1127.github.io

in linkedin.com/in/larry-shi-11479914b/

🐙 github.com/larryworm1127

EXPERIENCE

Software Developer in Test - Intern

Merchant Link

📅 May 2019 – August 2019

📍 Ottawa, ON

- Used Python to create scripts that simulates behaviors of a pinpad to help automate testing of company product.
- Performed stress testing on company product to evaluate its ability to process transactions.
- Used Python to create an experimental tool that captures product network activities and diagnose for pinpad issues.

PERSONAL PROJECTS

PyBoardGame

📅 July 2018 – September 2018

📍 Ottawa, ON

- A web project written in Python (Flask) that allows users to play simple board games on the website. Including Tic Tac Toe and Sudoku.
- A computer player is implemented using minimax algorithm in Python while the rest of game logic is implemented in JavaScript.
- The website also contains well documented game strategies pages.
- Currently Hosted on Heroku: <https://pyboardgame.herokuapp.com/>

NBA Daily

📅 April 2019 – Ongoing

📍 Ottawa, ON

- A web project written in Python (Django) that scraps NBA stats from NBA website using API and displays the data in a more accessible way.
- Used SQLite alongside Django model to store and access all scrapped data.
- Currently trying to integrate React with Django Rest Framework to create better looking and functional web pages.

Recipe Generator

📅 May 2018 – September 2018

📍 Ottawa, ON

- A GUI app written in Python (Tkinter) that helps with generating custom Minecraft recipe in the form of JSON file for Minecraft modding.
- The app validates user inputs to make sure the generated recipe file can be used without any error.

EXTRACURRICULAR ACTIVITIES

Volunteer

Stillwater Creek Retirement Home

📅 July 2014 – June 2018

📍 Ottawa, ON

- Perform music with a group named "Music in Motion" in the retirement home.
- Organized "Music in Motion" performances.
- Help kitchen serve out ice creams to seniors in the retirement home.

SKILLS

Python Django Flask PyGame

Tkinter Matplotlib Multithreading

Sockets Hypothesis Pandas

Java Swing JUnit Maven/Gradle

Web Development JavaScript React

CSS HTML Bootstrap JQuery

R dplyr readr plyr ggplot2

Git Heroku CircleCI LaTeX

VMWare

LANGUAGES

English

Mandarin



EDUCATION

🎓 B.Sc., Computer Science

University of Toronto

📅 2018 – 2022

📍 Toronto, ON

GPA: 3.85/4.0

AWARDS & CERTIFICATES

"Learn to Program: The Fundamentals" Statement of Accomplishment

University of Toronto MOOC

📅 January 2014

📍 Ottawa, ON

"An Introduction to Interactive Programming in Python" Statement of Accomplishment With Distinction

Rice University MOOC

📅 June 2014

📍 Ottawa, ON

Silver Medal (>90% average)

Earl of March S.S.

📅 2015 – 2018

📍 Ottawa, ON