

LE RONG (LARRY) SHI

Software Developer

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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.

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.

LANGUAGES

English
Mandarin



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

EDUCATION

B.Sc., Computer Science
University of Toronto

2018 – 2022 Toronto, ON

GPA: 3.85/4.0

Current CS/CS Related Courses

- Software Design (with Java)
- Computer Organization
- Introduction to Theory of Computation
- Software Tools and Systems Programming (with Bash and C)
- Introduction to Databases
- Data Structure and Analysis
- Probability with Computer Applications (with R)

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