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

Summer Intern
Merchant Link

📅 July 2015 – August 2015   📍 Ottawa, ON

- Tested credit/debit card transaction devices software on a variety of pin-pads.
- Upgraded software for more than 100 credit/debit card transaction devices.

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 diagnosis pinpad issues by capturing network activity.

PERSONAL PROJECTS

PyBoardGame
https://github.com/larryworm1127/PyBoardGame

📅 July 2018 – Ongoing   📍 Ottawa, ON

- Language: Python 3, JavaScript, CSS, HTML, Jinja2
- Technologies: Flask, Pytest, Gunicorn, Bootstrap, Jquery, Heroku
- A web project that allows users to play simple board games on the website.
- Project Link: https://pyboardgame.herokuapp.com/
- Note: There are bugs in the games that are yet to be fixed.

NBA Simulator
https://github.com/larryworm1127/nba_simulator

📅 September 2017 – January 2018   📍 Ottawa, ON

- Language: Python 3, JavaScript, CSS, HTML, Django Templating Language
- Technologies: Django, Unittest, Nba-py, Django-restframework, Django-chartjs, Bootstrap, Jquery, Jquery-bracket
- A school web project that displays 2016-17 NBA season stats and predict 2017-18 season outcome based on previous year data.

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` `PyQT5` `Jinja2` `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