

# LE RONG (LARRY) SHI

## Software Developer

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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.

## PERSONAL PROJECTS

### PyBoardGame

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

July 2018 – Ongoing    Ottawa, ON

- Language: Python 3, JavaScript, CSS, HTML, Jinja2
- Technologies: Flask, Pytest, Unicorn, 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](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.

### Tic-Tac-Toe

<https://github.com/larryworm1127/tic-tac-toe>

<https://github.com/larryworm1127/tic-tac-toe-python>

November 2016 – December 2016    Ottawa, ON

- Two Tic-Tac-Toe game with GUI written in Java and Python
- Technologies: PyGame, Swing
- Both Python and Java version have an unbeatable computer player written using minimax algorithm. Java version has more features such as choosing difficulties and who to start, while the Python version was simpler with just one difficulty.

## 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 Pipenv

Unittest & Pytest & Hypothesis

Java Swing JUnit Maven/Gradle

Web Development JavaScript CSS

HTML Bootstrap JQuery Jinja2

R dplyr readr plyr ggplot2

Git Heroku CircleCI LaTeX

## LANGUAGES

English

Mandarin



## EDUCATION

1st Year Mathematical and Physical Science

#### University of Toronto

2018 – 2022    Toronto, ON

GPA: 3.9/4.0

## 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