

CELL 647-380-9382
E-MAIL luos@mcmaster.ca
LinkedIn www.linkedin.com/in/shiyu-luo
GitHub <https://github.com/ShiyuL>
Website <https://shiyul.github.io/>

Shiyu Luo

SKILLS

- **Highly skilled in:** Python, Java
- **Experienced with:** C++, JavaScript, HTML, CSS

EDUCATION

B.A.Sc. Computer Science (Economics Minor)

Expected completion in April 2019

McMaster University, Hamilton, ON

- Currently in level four of a four-year co-op program with a GPA of 3.8
- Awarded with scholarship from the Createch School for outstanding academic performance

RELEVANT PROJECTS

iCare (<https://devpost.com/software/icare>)

November 2016

- In a team of four at YHacks, built the **UX** design for an **iOS** application with **XCode**
- Won category prize for UX design

YouEye (<https://devpost.com/software/youeye>)

October 2016

- In a team of three at Hack the North, built a smart camera device offering descriptive visual service to guide the visually impaired using **Java**, **Arduino**, and **Google Visualization API**

WORK EXPERIENCES

Software Development Intern (McAfee, Waterloo, ON)

May 2017 – Aug 2018

- Developed and maintained high-quality code in the **Django** web framework to shorten the time spent on automation testing, automation reporting and analyzing automation results
- Developed online, auto-refreshing automation dashboards using **Power BI** to report automation trends to higher management
- Managed and maintained **Jenkins** for continuous integration and testing
- Won **second place** out of 13 teams in the company hackathon by building a comment analysis tool using machine learning models Random Forest, Decision Tree, and Linear SVC in a **Python** library

Programming Outreach Instructor (McMaster University, Hamilton, ON)

April 2016 – Present

- Taught introductory computer science concepts to over **500** elementary and middle school students

Software Tester Summer Intern (OACCAC, Toronto, ON)

May – August 2016

- Used recognized industry protocols and tools to test a wide range of software to identify and analyze **300** defects

PROFESSIONAL DEVELOPMENT EXPERIENCES

Hackathon Co-Director (McMaster University, Hamilton, ON)

September 2016 – April 2017

- Planned, managed and executed McMaster's hackathon for change with an attendance of **500** which helped build a stronger student technology community on campus

Microsoft Student Partners (McMaster University, Hamilton)

September 2016 – April 2017

- Collaborate with other Microsoft Student Partners to plan and run technological events on campus with the resources and expertise support from Microsoft