

# YUEYUN SU

## COMPUTER SCIENCE NEW GRADUATE AT UNIVERSITY OF WATERLOO

### WORK EXPERIENCE

---

#### Royal Bank of Canada

##### Technical System Analyst Internship

Toronto, ON

May 2017 to Aug 2017

- Developed SQL scripts to reduce the turnover time and improve correctness for migrating data from production to development environment.
- Created jobs to mask Mainframe files and transfer Mainframe files from production to development.
- Transferred data management knowledge and skills and created process documents for training new hires.

#### Blackberry Limited

##### Automation Developer Internship - OS Security

Mississauga, ON

Sep 2016 to Dec 2016

- Created test plan and developed an automated test application in Java for Blackberry security features on Android smartphone.
- Escalated JIRA tickets to identify, document and report bugs, errors, interoperability flaws and other issues within proprietary software applications developed for Blackberry's global user base.

#### University of Waterloo

##### Teaching Assistant

Waterloo, ON

Jan 2016 to Apr 2016

- Evaluated Math students' assignments and provided feedbacks.

### PROJECTS

---

#### Convolutional Neural Networks Development in Python

- Implemented deep convolution networks for image recognition with libraries including Keras, TensorFlow and Numpy.
- Trained the neural networks on the MNIST dataset with 60,000 images and tested it with 10,000 images, resulting 99% test accuracy.
- Modified and simplified the convolutional layers and pooling layers to reduce running time.

#### CarpoolGo - Mobile Application Development with React Native

- Implemented functionalities including sign-in, profile management, posting, searching with RESTful API.
- Developed UI using react JS with native-base UI module.

#### Lunar Lander Game in Java

- Created a 2D landing game with Java Swing and MVC architecture.
- Developed editing panel to change the game world by drag-and-drop with affine transformation and direct manipulation.

#### suyueyun.github.io

- Developed a personal website to present Github projects, resume and contact information

### CONTACT

---

✉ suyueyun1994@gmail.com

☎ (226)-978-1949

### EDUCATION

---

#### University of Waterloo

Bachelor of Computer Science

Expected January 2018

GPA 80.2%

### SKILLS

---

#### PROGRAMMING

C++

C

Java

Python

SQL

Git

Linux

Javascript

Shell Script

React

#### KNOWLEDGE

Algorithm

Architecture and Design pattern

Data Structure

Database Management

Machine Learning

Object-oriented programming

Operating System

### AWARDS

---

University of Waterloo  
Merit Scholarship

Sep  
2014