

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 database.
- Maintained RBC Teradata development database, and granted permissions and accesses on a daily base.
- 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

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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