YUEYUN SU

COMPUTER SCIENCE NEW GRADUATE AT UNIVERSITY OF WATERLOO

WORK EXPERIENCE

Royal Bank of Canada
Toronto, ON

Technical System Analyst Internship
May 2017 to Aug 2017

- Resolved over 100 data-associated requests with masking clients' privacy data in RBC Teradata environment.
- Developed scripts to reduce 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 development.
- Transferred data management knowledge and skills and created process documents for training new hires.

Blackberry Limited
Mississauga, ON

Test Automation Developer Internship - OS Security
Sep 2016 to Dec 2016

- Developed an automated test application in Java for Blackberry security features on Android smartphone.
- Identified, documented and reported bugs, errors, interoperability flaws and other issues within proprietary software applications developed for Blackberry's global user base.

University of Waterloo
Waterloo, ON

Teaching Assistant
Jan 2016 to Apr 2016

- Evaluated students' assignments and provided feedbacks for Calculus 2.

PROJECTS

CarpoolGo - Mobile Application Development
- Cross-platform mobile app built with React Native framework.
- Developed functionalities including sign-in, profile management, posting, searching with RESTful API.
- Developed UI using react JS with native-base UI module.

Operation System Design in C
- Developed Locks and Conditional Variables and designed effective solution to Traffic Intersection synchronization problem.
- Implemented process structure PID and system calls (getpid, fork, waitpid) to simulate processes.
- Designed memory management system using dynamic relocation.

The Game of BuildingBuyer in C++ (OOP Development)
- Multiplayer board game with command interpreter and text display.
- Used Template Method pattern, model-view-controller, and implemented each class with suitable methods and used inheritance, aggregation and encapsulation where appropriate.

Other projects
- Compiler of simplified C language • Simple Client and Server sockets • Go-Back-N Protocol Implementation • RPC Library and Binder in distributed system

CONTACT

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EDUCATION

University of Waterloo
Bachelor of Computer Science
Expected January 2018

SKILLS

PROGRAMMING
C++
C
Java
Python
SQL
Git
Linux
Javascript
Shell Script
Assembly
Scheme
React

COURSEWORK
Software Design, Architectures
Object-oriented Software Development
User Interface
Algorithm
Distributed Systems
Artificial Interlligence
Numerical Computeation
Data Structure & Data Management
Database Management
Computer Networks
Computer Security & Privacy
Distributed Systems
Operating Systems

AWARDS

University of Waterloo Merit Scholarship
Sep 2014