tedzyy@gmail.com

YUANYE(TED) ZHOU

+1-613-8906188

SUMMARY OF QUALIFICATIONS:

Programming Language: Java, Javascript, HTML/CSS, SQL, C++, Python, UML

Programming Skills: Applied Algorithms, Scrum, Unit Test, HTTP, TCP/IP, REST, Git, Elastic Search, SQL Server, ReactJS, Flux/Redux, Jasmine, Karma, Spring, Servlet, Hibernate, JSP, JUnit, Material-UI, Bootstrap, Django, Software Internationalization and Localization, Linux/Windows, Network Simulation, Ad-hoc Network.

Software: Eclipse, WebStorm, PyCharm, Latex, NS-2, KEIL, Altium Designer 10, Microsoft Office

Language: English/ Mandarin

Github: https://github.com/YuanyeZ

WORKING EXPERIENCE:

Software Developer, Trend Micro Canada   11, 2015 - present

◎   Worked as a scrum member to build a Single Gage Application(SPA) for the latest release.

◎   Developed front-end visualization and interaction using ReactJS and unit-test cases in Jasmine / Karma.

◎   Improved REST API for Elasticsearch to support the client requests.

Research Assistant, University of Ottawa   1, 2014 - 5, 2015

◎   Investigated new strategies for robots responds to events and efficient event coverage to decrease the latency for continuous events handling of the Wireless Sensor and Actor Networks(WSANs).

◎   Published paper: Dynamic Mesh-based Location Service in WSANs by a Team of Robots

Undergraduate Research Assistant, Lab of Networking Control, Yanshan University   9, 2011 - 9, 2012

◎   Finished National College Student's Innovate Program, Cooperative Information Exchange of Multi-Agent System(MAS)

SOFTWARE PROJECTS:

Website for professional digital camera reviews, Canada   8, 2015 - 10, 2015

◎   Built a website for professional digital camera reviews using Spring framework, Hibernate and Maven which is deployed at AWS

◎   Constructed database with MySQL and the front-end pages with JSP and Bootstrap

Robots coordination for event coverage in WSANs, University of Ottawa, Canada   8, 2014 - 4, 2015

◎   Developed and tested a novel service discovery protocol in Eclipse using Java and UML

◎   Realized Greedy-Facing-Greedy(GFG) routing protocol in Eclipse

Routing Protocols in Ad-hoc Wireless Network in NS-2, University of Ottawa, Canada   3, 2014 - 6, 2014

◎   Implemented flooding and greedy routing protocols for ad-hoc wireless network using C++ under Linux

Design and Test of *RISC CPU,* University of Ottawa, Canada   1, 2014 - 4, 2014

◎   Designed the circuit simulation using Verilog based on the analysis and division modules of CPU.

Modeling of *Automated Guided Vehicles (AGVs)* System, University of Ottawa, Canada   9, 2013 - 12, 2013

◎   Modeled the AGVs system control program using UML, which includes requirements analysis, use case design, analysis modeling, collaborating diagram and state chart design.

EDUCATION:

M.A.Sc, University of Ottawa, Electrical and Computer Engineering, Canada   9, 2013 - 5, 2015

◎   Research on Wireless Sensor and Actor Network   GPA: 8.6/10

◎   Research / Teaching Assistant

B.Eng, Yanshan University, China   9, 2009 - 6, 2013

◎   Department of Electrical Engineering, Automation   GPA: 89.9/100, 3.82/4.0 (major)

◎   Undergraduate Research Assistant