

YUANYE(TED) ZHOU

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, Elasticsearch, SQL Server, ReactJS, Flux/Redux, Jasmine, Karma, Spring, Servlet, Hibernate, JSP, 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

- ⊙ Built the visualization and interaction of enterprise Single Page Application using React and Redux.
- ⊙ Created unit tests in Karma with Jasmine.

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