Yuecai **Zhu**

SOFTWARE ENGINEER · DATA SCIENTIST

1235 Rue Bishop,Unit 321, Montreal,Canada

438-345-7638 | zhuyuecai@gmail.com | zhuyuecai | Victor Zhu

"Learn from history and make future better."

Education

Concordia University	*Montreal, Canada*
B.S. IN COMPUTER SCIENCE	*May 2012 - PRESENT*

Southwest University of Political Science and Law	*Chongqing, China*
B.A(ECON) IN INTERNATIONAL COMMERCE AND ECONOMICS	*Sept.2002 - Jul. 2006*

Skills

Programming Languages	Python, C++, JAVA, LaTeX, SQL, Spark, Bash,HTML5,R,Haskell,Javascript
Operating Systems	Linux,Unix,Windows
Applications	Word,Excel with VB, PowerPoint,Progresql,Mysql
Languages	English, Mandarine, Cantonese, French

Experience

Concordia University	*Montreal,Canada*
RESEARCH ASSISTANT	*May 2014 - Present*

- Extract information from raw data files to the database.
- Data cleaning for further analysis.
- Mathematical Model building.
- Algorithm design.
- Design and perform different kinds of simulation on demand
- Published 2 papers as second anthor

Ericsson	*Ottawa, Canada*
TEST INTEGRATION ANALYST	*May 2015 - Aug. 2015*

- Extract information from raw test data and build up the database for the research project.
- Perform simulation to evaluate different regression testing strategies.
- Automate the process of synchronizing the research database with the application database.

Hydro One Asset Strategy Department	*Torronto, Canada*
IT ANALYST	*Jan 2014 - May 2014*

- Analyzed electricity equipment usage data.
- Develop Excel applications for internal use.
- Test the new algorithm of the new asset management system.

Guangdong Development Bank Jiang Men Branch (Guangdong China)	*(Guangdong, China)*
OFFICER SPECIALIZED IN ENTERPRISE BUSINESS	*Jul. 2006 - Oct. 2009*

- Analyzed business data.
- Draft business documents and reports.
- Help develop marketing strategies.
- Sucessfully launch the International Transactions Online Declaration System as project manager.
- Completed a business research on 'loan with export credit insurance as a pledge.

Publishment

Organizational Volatility and Post-release Defects: A Replication Case Study Using Data from Google Chrome

Second Author

Publication url: `http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7180101`

Mining Software Repositories (MSR), 2015 IEEE/ACM 12th Working Conference

May 2015

Quantifying and Mitigating Turnover-Induced Knowledge Loss: Case Studies of Chrome and a Project at Avaya

Second Author

Accepted and will be published in the conference proceeding

The 38th International Conference on Software Engineering

2016

Honors & Awards

Jan. 2013 **Campaign for the New Millennium Student Contribution Bursary**,   *Montreal,Canada*

Oct. 2013 **Faculty of Arts and Science Scholar for 2012-2013**,   *Montreal,Canada*

Nov. 2013 **Faculty of Arts and Science Dean's List**,   *Montreal,Canada*

Jun. 2014 **Canada Undergraduate Student Research Award**,   *Montreal,Canada*

Jun. 2015 **Canada Undergraduate Student Research Award**,   *Montreal,Canada*