Xuepeng Xu

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Work & RESEACH EXPERIENCE

Summer Intern in Morgan Stanley IT department

Morgan Stanley, Montreal, Canada   Summer 2014
- Summer Analyst in Enterprise Infrastructure
- Heliograph project
- Monitoring the health of branch computer

Student Data Analyst

McGillX Team in McGill University   Mar. 2014-Aug. 2014
- Open edX online course
- Transform tracking transforms user interaction files (tracking logs) into human readable data

Web Server developer

UPEI Computer Science Department, Charlottetown, Canada   Sept. 2012-Dec. 2012
- Nature language processing system based on Topic Model and Classification
- **Web server** using Tomcat

UPEI Computer Science Department, Charlottetown   Dec. 2012-Apirl. 2013
- **Web server** using Django for **selectbidder**™, a vehicle sale company

Teaching Assistant

UPEI Computer Science Department, Charlottetown, Canada   Dec. 2012-Apirl. 2013

Research Assistant for Dr. Qiang Ye

UPEI Computer Science Department, Charlottetown, Canada   Summer 2012
- Research on Wireless Sensor Networks including routing algorithm and localization
- Experiment on RSSI measurement and Data Collection using Telosb motes
- Acoustic Ranging System on **Android and IOS devices**.

Android Developer

UPEI Computer Science Department, Charlottetown, Canada   Summer 2011
- Develop a Medical Device Monitor on **Android device**

Publications

- "CDS-based Virtual Backbone Construction with Guaranteed Routing Cost in Wireless Sensor Networks", IEEE Transactions on Parallel and Distribution Systems (TPDS), 2012

Computer & Programming Skills

- Excellent skill in C, C++ and Java, experienced in MATLAB, Objective-C, VB, C#, JavaScript, Python PHP, LISP, Prolog, etc.
- Familiar with most of popular database system, Proficient skill in SQL.
- Familiar with several ways of web server development.
- A good Linux user and familiar with command line and shell programming.
- Experienced in Android development and IOS development

Education

Master of Science, Major in Computer Science (GPA 3.88/4.0)

McGill University, Montreal, Canada   Sept. 2013-Present

Bachelor of Science, Honors in Computer Science, Minor in Mathematics

University of Prince Edward Island, Charlottetown, Canada   Sept. 2010-July. 2013

Bachelor of Science, Major in Computer Science

Sichuan University, Chengdu, China   Sept. 2008-July. 2010