Department of Computing Science
University of Alberta
Edmonton, AB, Canada

JIANGWEI YU

+1 (780) 707 6548
jiangwei@ualberta.ca
http://yujiangwei.com

EDUCATION

| **Edmonton, AB, Canada** | **University of Alberta** | **09/2012 – 05/2014 (Exp.)** |

- Thesis-based M.Sc. in Computing Science. GPA: 3.9/4.0
- Research Area: Text Analytics and Web Mining

| **Beijing, China** | **Tsinghua University** | **09/2007 – 07/2011** |

- B.E. in Computer Science. In-major GPA: 90/100
- Publication: Dan Li, **Jiangwei Yu**, Junbiao Yu, and Jianping Wu. *Exploring efficient and scalable multicast routing in future data center networks.* In Proceeding of INFOCOM 2011, Shanghai, China.

EMPLOYMENT

| **Co-Funder** | **An Edmonton-based Startup** | **07/2013 – 08/2013** |

- Built all parts of a prototype system for in-image advertisements on apparels, bags, shoes and so on.
- Built a JavaScript library embedded in publishers' websites to enable tags in their images through AJAX calls.
- Built a website for publisher registration and content generation.

| **Remote Software Engineer** | **TopCoder, Inc.** | **08/2011 – 08/2012** |

- Implemented and tested Java components and services for enterprise Web applications.
- Added new features and fixed bugs for TopCoder Forums and TopCoder Copilot Platform.
- Implemented command line tools according to the requirements of customers.

| **Software Engineer, Intern** | **IBM China** | **08/2010 – 11/2010** |

- Setup the development infrastructure (operating systems and network configuration) of an IaaS project.
- Wrote scripts to launch services, analyze logs and report anomalies automatically.

TECHNICAL EXPERIENCE

Languages and Technologies

- Java; C; C++; SQL; JavaScript; Bash; Python; Scala
- jQuery; Postgres; SQLite; Lucene; MapReduce; Restlet; Play Framework

Projects

- **Geo-tagging Named Entities in Web Pages** (Current). Designed and implemented a system that mines location information for named entities in diverse Web pages. Proposed and evaluated different models that capture the relationship between a mention and a possible location. *NLP, Java, HTML, Postgres, SQLite*

- **Facebook/Twitter Accounts Integration** (2013). Built a website that integrates multiple accounts' feeds into a diary-like PDF. Designed database schemas and implemented REST services logics. *Java, Restlet, Postgres, API*

- **iOS App for Coupons** (2012). Published an iOS app for locals around Shenzhen University, providing coupon and merchant information with images and text content by retrieving data from a remote server. *Objective-C, JSON, PHP*

- **BBS Search Engine** (2011). Built a search engine for the BBS of Tsinghua University. Proposed and evaluated a dialogue-based retrieval algorithm, which can effectively extract useful and interesting threads from a large number of discussions according to human judges. *Java, JSP, Lucene*

AWARDS

- Gold medalist (**ranked 2/924**) of the 2007 ACM Asia Programming Contest – Chengdu, China.
- First prize of the 2006 Chinese National Olympiad in Informatics (NOI'06).
- Finalist team member of Student Contest on Software Engineering 2013, San Francisco.
- The only awardee of 2012/2013 Master's Scholarship of University of Alberta in the CS department.