Database Systems Lab
Athabasca Hall 4-30
Edmonton, AB, Canada

JIANGWEI YU

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EDUCATION

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

- M.Sc. in Computing Science. GPA: 3.9/4.0
- Research Area: Information Extraction and Data 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-Founder	**EyeDentify (a startup in Edmonton)**	**07/2013 – 08/2013**

- Built the full stack of a prototype system for in-image advertisements on apparels, bags, shoes and so on.
- Built a JavaScript library embedded in publishers' websites to add advertisements in images.
- Built a website for publisher registration and content management.
- Technologies: HTML, CSS, jQuery, Authentication APIs, Java, PostgreSQL

Primary Teaching Assistant	**University of Alberta**	**09/2013 – Present**

- Developed the shell scripts for automatically grading C programming assignments.
- Technologies: Linux, Shell scripting, C

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.
- Technologies: Java, SQL, HTML, CSS, jQuery, Ant, JUnit

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

- Worked the internal development and testing of an Infrastructure-as-a-Service project.
- Technologies: Linux, Shell scripting (Bash, busybox, Perl and Ruby)

SELF PROJECTS

- **Geo-tagging Named Entities in Web Pages** (Current). Designed and implemented a system that extracts location information for named entities in diverse Web pages using content-based models. Implemented a question-answering prototype. *NLP, Java, HTML/JavaScript/CSS, Postgres, Play Framework*

- **Twitter/Facebook 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*

AWARDS

- Finalist (3/50) of Student Contest on Software Engineering 2013, San Francisco.
- **Gold medalist (ranked 2/924) of the 2007 ACM/ICPC Asia Programming Contest – Chengdu, China.**
- First prize of the 2006 Chinese National Olympiad in Informatics (NOI'06).
- The only awardee of 2012/2013 Master's Scholarship of University of Alberta in the CS department.

LANGUAGES AND TECHNOLOGIES

- Strong skills in Java and C/C++
- Experience in Bash, Perl, SQL, HTML, JavaScript (jQuery), CSS
- Framework and Libraries: Lucene, Weka, MapReduce (Hadoop)