

Jinxu Jia (Heidi)

CONTACT	<i>Email:</i> jjajinxu89@gmail.com <i>Phone:</i> +1 (514) 812-2316	<i>Grad. Date:</i> Feb. 2015 <i>Position:</i> Software Engineer (Full-time)
EDUCATION	<i>M.Sc.</i> in Computer Science, McGill University, Canada <i>B.Eng.</i> in Software Engineering, Wuhan University, China	GPA: 3.77/4.0 Major GPA: 90/100
EXPERIENCE	<i>Lab Member</i> , McGill Reasoning and Learning Lab, Canada <i>Volunteer</i> , 30th Conference on Uncertainty in Artificial Intelligence (UAI) <i>Teaching Assistant</i> , McGill University, Canada <i>Teaching Assistant</i> , Wuhan University, China <i>Research Assistant</i> , State Key Lab of Software Engineering, China <i>Co-chairman</i> , Oracle Club of Wuhan University (Technical Club), China <i>Summer Intern</i> , Microsoft, China	Sep. 2013 – Present Jul. 2014 Jan. 2013 – Apr. 2014 Feb. 2012 – Jun. 2012 Aug. 2010 – Feb. 2012 Sep. 2010 – Aug. 2011 Jun. 2010 – Aug. 2010
PROFESSIONAL SKILLS	<i>Languages(Year/unit):</i> C++(5), JAVA(4), Matlab(2), Shell(2), SQL(3), C#(1), XML(0.5). <i>Software:</i> MATLAB, Vim, L ^A T _E X, Sublime. <i>Operating Systems:</i> Linux and Windows.	
PROJECTS	Spatio-temporal Prediction of Tweets Popularity in Online Social Network Present <ul style="list-style-type: none">• Build a temporal model to predict user's tweets popularity in Twitter.• Improved the prediction accuracy by combining the tweet topic feature. Topic Modeling in Twitter Sep. 2013 – Feb. 2014 <ul style="list-style-type: none">• Built a model to generate topics from Twitter dataset.• Improved the quality of topic detection with a Pitman-Yor process-based model.• Developed a stopword-based language identification method.• Improved the language identification speed by eight times compared to contrastive approaches while obtaining 98%+ accuracy. Community Membership and Dynamics Mar. 2013 – May 2013 <ul style="list-style-type: none">• Investigated community structures of social networks• Discovered that online communities are often built around common interests shared by people, and authors in DBLP prefer following topics to following each other. Tracking Human Faces and Eyes Affected by Scale Variations Oct. 2012 – Dec. 2012 <ul style="list-style-type: none">• Developed a face detection system to track faces and eyes in video clips• Capable of tracking multiple faces of different sizes and orientations at the same time.• Improved the eyes detection algorithm performance by using a skin cone filter as a post-processing step. SVM-based Prediction Model for User Preference in Social Network Nov. 2012 – Dec. 2012 <ul style="list-style-type: none">• Built a SVM-based prediction model to learn user's preference for automatic recommendations.• Improved the accuracy of prediction to 74% with context and network structure information. Role-based Click-through Rate Prediction Model for On-line Advertising <i>Bachelor Degree Thesis</i> <ul style="list-style-type: none">• Developed a prediction model of user's online preference.• Improved the pCTR (prediction of the Click-through Rate) accuracy by examining user's preferences.	

A Quick Grayscale-based Face Recognition System Sep. 2010 – Dec. 2010

- Developed an application to detect faces in pictures with complex background using *Matlab*.
- Improved the recognition speed by using grayscale features to identify face boundaries.

Online Bookstore and Background Information Management System Jun. 2010

- Built a e-bookstore including UI and databases.

Luoyuan Blog, Campus Blog System Jun. 2010 – Aug. 2010

Testing Engineer, *Microsoft* Summer Intern

- Built a on-campus blog website.
- Created the "drift bottle" function to increase the enjoyment and expand the scope of readers at the same time.
- Won the Best Project Prize of the summer software internship.

PUBLICATION

Jingwei Cheng, Chong Wang, Keqing He, Jinxu Jia, Peng Liang. Mappings from BPEL to PMR for Business Process Registration. *13th IFIP WG 5.5 Working Conference on Virtual Enterprises*

HONORS AND AWARDS

China National Scholarship	Ministry of Education of China 2010
Bachelor Honours Degree in Software Engineering	Wuhan University 2012
Outstanding Student Award	Wuhan University 2010
First-class Scholarship	Wuhan University 2011
Scholarship for Excellent Freshmen	Wuhan University 2008