

WANG CHENGZHEN

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EDUCATION

2011–2015	BEIHANG UNIVERSITY <i>School of Software</i> Bachelor of Engineering / Software Engineering, June 2015	Beijing, China
2012–2015	<i>School of Mathematics and System</i> Minor: Mathematics GPA: 88.16/100, 3.75/4.00 (overall), 3.85/4.00 (major) GRE: V152/Q169/AW3.0 Scholarship of Academic Performance (2011-2012, 2012-2013, 2013-2014), Beihang University	

RESEARCH & PROJECT EXPERIENCES

Nov 2014- Present	Tsinghua-Waterloo Joint Research Center for Internet Information <i>Research Assistant – Phrase Extraction and Classification from Short Text</i> <ul style="list-style-type: none">Developed models using semantic knowledge to extract phrases from short text; performed phrase clustering based on representation vectorsConstructed emoticon and vector space based on representation vectors of words learned from Sougou and Sina corpusDesigned experiment using softmax and SVM to conduct phrase classification	Beijing, China
Jul - Nov 2014	Tsinghua-Waterloo Joint Research Center for Internet Information <i>Research Assistant – Chinese Review Mining System (Samsung)</i> <ul style="list-style-type: none">Designed review-mining website based on SSH framework; adopted JSP to implement function, including internal logic and landing pagesConducted data survey of e-commerce websites; utilized Java to collect mobile phone reviews; analyzed, organized data; conducted data transfer among databasesIntegrated server product index to improve search efficiency	Beijing, China
Apr - Jun 2014	Tsinghua-Waterloo Joint Research Center for Internet Information <i>Research Assistant – The Assessment of User Age Based on Text and User Information in Sina Weibo</i> <ul style="list-style-type: none">Designed experiment to compare different classification models including decision tree, KNN, SVM and othersDeveloped idea to combine Weibo text, basic user information, extracted information and social circles to improve assessment precisionProposed new method to extract features based on time statistics of Weibo users; achieved 75% precision	Beijing, China
Jun - Jul 2014	Online Questionnaire Website Project – Beihang University <i>Team leader – Website for Online Questionnaire</i> <ul style="list-style-type: none">Developed functions for creating, updating and releasing questionnairesDesigned website internal logic and MySQL database for questionnaires and users	Beijing, China
Sept - Nov 2013	Personalized Business Card Project - Beihang University <i>Team leader – Android app for personalized business cards</i> <ul style="list-style-type: none">Adopted NFC and Bluetooth functions for business card exchangeResearched algorithm to generate GIF portraits from videos	Beijing, China

EXTRACURRICULAR & VOLUNTEER EXPERIENCES

2014	2014 ASE Big Data Science/SocialCom Conference - Tsinghua University <ul style="list-style-type: none">Arranged conference hall; maintained devices; interacted with visiting scholars	Beijing, China
2014	Mathematical Contest in Modeling - Beihang University <ul style="list-style-type: none">Built and analyzed cellular automaton model to evaluate traffic patterns	Beijing, China

SKILLS & INTERESTS

- Languages: Chinese (Native), English (Fluent)
- Computer Skills: C++, C#, Java, Python, JSP
- Interests: Data Mining, Machine Learning, Software Engineering