

JING CHEN

Language Technologies Institute, Carnegie Mellon University
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EDUCATION

Carnegie Mellon University, Pittsburgh, PA, US Aug 2015-Dec 2016
M.S. in MITS, Language Technologies Institute, School of Computer Science
Advisor: Professor Jamie Callan

Nanjing University, Nanjing, China Sep 2011-Jun 2015
M.S. in Computer Science in the *National Elite Program*
Rank: 1/20; **GPA:** 3.80/4 (90/100); Three *Elite Program Scholarships*; Graduated with University Honors

University of Oxford, Oxford, UK Aug 2014-Sep 2014
Participant of the *Natural Science Program* at Oxford Summer Institute
Project: Solving Heat Diffusion Problem with Numerical Methods (supervised by Dr. Colin Macdonald)

RESEARCH INTERESTS

Natural Language Processing, Text Mining, Machine Learning

RESEARCH EXPERIENCE

Research Assistant, Natural Language Processing Lab Sep 2013-Jun 2015
Advisor: Associate Prof. Xinyu Dai Nanjing University

Question Classification with Multiple Kernel Learning (Undergraduate Thesis)

- Studied and implemented different tree kernels to integrate various syntactic features of question text
- Built multi-kernel classifiers, where various features were incorporated as basis-kernels in MKL algorithms
- Trained multi-kernel classifier on TREC datasets, where it outperformed most single-kernel classifiers

SinaMicroblog-based Chinese Social Media Mining

- Developed a fast crawler to retrieve posts in Chinese personal social network via open API
- Analyzed social data using NLP and ML algorithms and built a D3.js-based platform for visualization

Undergraduate Researcher, Websoft Research Lab May 2012-May 2013
Advisor: Prof. Yuzhong Qu Nanjing University

Ontology Based Recommender System

- Developed an item-based collaborative recommendation system based on semantic ontologies

WORK EXPERIENCE

Undergraduate Course *Introduction to Computer System* Sep 2014-Jan 2015
Teaching Assistant Nanjing University

- Assisted Professor Chunfeng Yuen preparing tutorials and guided sophomore in the course project

International Education Volunteerism, Learning Enterprises China 2013 May 2012-May 2013
Organizer, IT Support Nanjing, China

- Designed and developed the official website *LE China 2013* to help with recruiting and funds seeking

HONORS AND AWARDS

Outstanding Graduate of Nanjing University (top 10%)	2015
Elite Program Outstanding Scholarship (12,000 CNY)	2014, 2013
Outstanding Collegiate Student of Jiangsu, China (top 0.3%)	2014
COMAP Mathematical Contest in Modeling (MCM) Award Meritorious Winner	2014
CUMCM Award, Third Class Contest Prize of Jiangsu District	2013
Outstanding Student of Nanjing University for Academic Excellence (top 3%)	2013
Outstanding Student of Depart. of Computer Science & Technology for Leadership (top 3%)	2012
Elite Program First Class Scholarship (8,000 CNY)	2012

SELECTED PROJECTS

Sudoku Solver (Best Performance)	Sep 2014
<ul style="list-style-type: none">Proposed a heuristic function and introduced pruning to implement a Sudoku solver with A* algorithmAchieved best efficiency with least storage cost in AI course class taught by Prof. Yang Gao	
Compiler for Self-designed C- Language	Feb 2014-Jun 2014
<ul style="list-style-type: none">Designed and developed a compiler based on lex and yacc for the self-designed language C-implemented modules e.g. lexical&syntactic check, semantic analysis, intermediate and target code generation	
NanOS Project	Feb 2013-Jun 2013
<ul style="list-style-type: none">Designed and developed a micro-kernel operating system capable of executing user programsImplemented modules including context switching, message mechanism, system calls and user process	

SKILLS

Programming Languages	C/C++, MATLAB, Python, HTML5, \LaTeX
Tools	svmlight, libsvm, scikit-learn
Operating System	MacOS, Windows, Ubuntu, Debian

ACTIVITIES AND LEADERSHIP

Membership	Microsoft Research Asia (MSRA) Student Alumni	May 2014-Present
	MOOC Chinese Subtitle Translation Group for Coursera	2012-Present
Participant	Microsoft Summer Camp Beijing 2014 (Invitee)	Aug 2014
	Microsoft YouthSpark Live 2014	May 2014
Primary Organizer	Academic Visit to Hong Kong universities, including HKUST, HKU, etc	Aug 2012
Student Volunteer	The 110th Anniversary of Nanjing University	May 2012
	The 11th CRSSC National Conference	Dec 2011