

Guanyi CHEN

PERSONAL DATA

PLACE AND DATE OF BIRTH: Beijing, China | 27 January 1993
ADDRESS: Sanlihe Road 5-1-1002, Haidian District, Beijing, China
PHONE: +86 15801515489
EMAIL: guanyi.chen1993@gmail.com

EDUCATION

- CURRENT** Doctor of Philosophy in COMPUTER SCIENCE, **University of Aberdeen**
Topic: Natural Language Generation (especially for Mandarin)
Advisors: Prof. Kees VAN DEEMTER and Dr. Chenghua LIN
- JULY 2016** Master of Science in ARTIFICIAL INTELLIGENCE, **University of Edinburgh**
Specialist: Natural Language Processing
Thesis: "Exploring Prototype-based POS Tagging for Low-Resource Languages"
Advisor: Dr. Sharon GOLDWATER
- JUNE 2015** Bachelor of SCIENCE (ENGINEERING) with Honours, **Queen Mary University of London** and **Beijing University of Posts and Telecommunications**
First Class | Major: e-Commerce Engineering with Law
Thesis: "UCG Based Multi-lingual Product Comments Sentiment Analysis"
Research and System Implementation
Advisor: Prof. Guoshi WU

WORK EXPERIENCE

- Aug 2017** Samsung Research Center, Language Computing Lab, Beijing
SEP 2016 *Software Developing Intern*
- Work on the Deep NLU project for Samsung's Bixby system which has three sub-components: a domain classifier, an intent analyser and a slot tagger. I have participated in the works including writing grammars, using grammars to generate training data, data pre-processing, turning parameters of the models, testing the models;
 - Work on speech emotion analysis. Current progress including:
 - Applying an existing end2end model on RECOLA and Berlin datasets;
 - Testing on different neural architectures (using Lasagne);
 - Comparing the performance of using traditional human engineered features or features extracted by CNN from raw signals.
- MAY 2014** School of Software Engineering, Beijing University of Posts and Telecommunications, Beijing
MAY 2013 *Undergraduate Research Assistant*
Undergraduate Innovation Experiment Project | Advisor: Prof. Guoshi WU
- Design and Implement a system using natural language processing techniques to identify the fake reviews on O2O platforms (Dianping.com);
 - Personal duties included: group leader, algorithm design and implementation.

JULY 2014	China International Electronic Commerce Center, Beijing
AUG 2014	<i>Software Developing Intern</i> Assist in designing and implementing an order management system, including database design, front-end and back-end design. Implementing a document classification and entity extraction in Java.
JULY 2013	Sinopai Business Intelligence Limited Company, Beijing
AUG 2013	<i>Software Developing Intern</i> Assisted in designing and implementing commercial enterprise website in PHP and MySQL using thinkPHP framework.

HONORS AND AWARDS

SEP 2012	Third Prize, The National University E-Commerce Innovation Challenge (Beijing Division)
JUNE 2015	Outstanding Graduates
AUG 2017	Outstanding Intern at Samsung Research Center Beijing

COMPUTER SKILLS

Basic Knowledge: PHP, mysql, LINUX, ~~TEX~~TEX, JavaScript
Intermediate Knowledge: JAVA, PYTHON, C