

Guanyi CHEN

PERSONAL INFORMATION

PLACE AND DATE OF BIRTH: Beijing, China | 27 January 1993
ADDRESS: Maupertuusplein 1-786, 3584EE Utrecht, Netherlands
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EDUCATION

CURRENT Doctor of Philosophy in COMPUTING SCIENCE, **Utrecht University**
Affiliation: NLP Group, Intelligent Software System Division
Topic: Natural Language Generation for Mandarin
Advisors: Prof. Kees VAN DEEMTER and Dr. Chenghua LIN (Aberdeen)

MAY 2018 Doctor of Philosophy in COMPUTING SCIENCE, **University of Aberdeen**
(Moved to Utrecht) Affiliation: Computational Linguistic at AberdeenN (CLAN) Group
Topic: Natural Language Generation for Mandarin
Advisors: Prof. Kees VAN DEEMTER and Dr. Chenghua LIN

JULY 2016 Master of Science in ARTIFICIAL INTELLIGENCE, **University of Edinburgh**
Merit | 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"
Advisor: Prof. Guoshi WU

WORK EXPERIENCE

SEP 2017 MAR 2018	<p>School of Natural and Computing Science, University of Aberdeen</p> <p><i>Demonstrator</i></p> <p>Demonstrator for the Course:</p> <ul style="list-style-type: none">• CS4025 Natural Language Processing;• CS2013 Math for Computer Science: Formal Language, Logic and Probability Theory;• CS3518 Language and Computability: Formal Language, Functional Programming (Haskell) and Computability.
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AUG 2017 SEP 2016	<p>Samsung Research Center, Language Computing Lab, Beijing</p> <p><i>Software Developing Intern</i></p> <ul style="list-style-type: none"> • Work on the Deep NLU module of 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, building Quick Build (QB) system; • Work on speech emotion analysis. Current progress including: <ul style="list-style-type: none"> – 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.
JULY 2014 AUG 2014	<p>China International Electronic Commerce Center, Beijing</p> <p><i>Software Developing Intern</i></p> <p>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.</p>
JULY 2013 AUG 2013	<p>Sinopai Business Intelligence Limited Company, Beijing</p> <p><i>Software Developing Intern</i></p> <p>Assist in designing and implementing commercial enterprise website in PHP and MySQL using thinkPHP framework.</p>
MAY 2014 MAY 2013	<p>School of Software Engineering, Beijing University of Posts and Telecommunications, Beijing</p> <p><i>Undergraduate Research Assistant</i></p> <p>Undergraduate Innovation Experiment Project Advisor: Prof. Guoshi Wu</p> <ul style="list-style-type: none"> • 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.

PUBLICATIONS

- 2018 ABDN at SemEval-2018 Task 10: Recognising Discriminative Attributes using Context Embeddings and WordNet
Mao R., **Chen G.**, Li, R. and Lin C.
NAACL 2018 on SemEval Workshop, New Orleans
- (extended abstract) Modelling Various Kinds of Specifications
Chen G., van Deemter K. and Lin, C.
CoMPPrag Workshop, Bochum, 2018
- SimpleNLG-ZH: a Linguistic Realisation Engine for Mandarin
Chen G., van Deemter K. and Lin, C.
INLG 2018, Tilburg
- Modelling Pro-drop with the Rational Speech Acts Model
Chen G., van Deemter K. and Lin, C.
INLG 2018, Tilburg

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 Centre Beijing

COMPUTER SKILLS

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