Guanyi Chen

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EDUCATION

Utrecht University	Utrecht, Netherlands
Doctor of Philosophy in Computing Science; Advisor: Kees van Deemter and Chenghua Lin	*Jun. 2018 – present*
University of Aberdeen	Aberdeen, Scotland
Doctor of Philosophy in Computing Science; Advisor: Kees van Deemter and Chenghua Lin	*Oct. 2017 – May. 2018*
University of Edinburgh	Edinburgh, Scotland
Master of Science in Artificial Intelligence; Merit	*Sep. 2015 – Aug. 2016*
Beijing University of Posts and Telecommunications	Beijing, China
Bachelor of Management in e-Commence Engineering with Law; First Class	*Sep. 2015 – Aug. 2016*

THESIS

- **Master**: Exploring Prototype-based POS Tagging for Low-Resource Languages; Advisor: Prof. Sharon Goldwater
- **Undergraduate**: UCG Based Multi-lingual Product Comments Sentiment Analysis; Advisor: Prof. Guoshi Wu

EXPERIENCE

School of Natural and Computing Science, University of Aberdeen — Aberdeen, Scotland
Demonstrator — *Sep. 2017 - Mar. 2018*

- CS4025 Natural Language Processing, CS2013 Mathematics for Computer Science and CS3518 Language and Computability

Samsung Research Centre — Beijing, China
Software Developing Intern — *Sep 2016 - Aug 2017*

- **Bixby DeepNLU Module**: writing grammars, generating training data, data pre- and post-processing, turning parameters, testing the models, building Quick Build (QB) system
- **Speech emotion analysis**: automatic feature extraction, applying various End2End models to various corpora

China International Electronic Commerce Centre — Beijing, China
Software Developing Intern — *July 2014 - Aug 2014*

- **Order Management System**: database design, front-end development, back-end development
- **Customs Data Management**: document classification and entity extraction

PROJECTS

- **Undergraduate Innovation Experiment Project**: Designed and Implemented a system using natural language processing techniques to identify the fake reviews on an O2O platform (i.e., Dianping.com)

AWARDS

- **Third Prize, The National University E-Commerce Innovation Challenge**
- **Outstanding Graduates**
- **Outstanding Intern at Samsung Research Centre Beijing**

PUBLICATIONS

- **ABDN at SemEval-2018 Task 10: Recognising Descriminative Attributes using Context Embeddings and WordNet**: Rui Mao, **Guanyi Chen**, Ruizhe Li, Chenghua Lin. The International Workshop on Semantic Evaluation at the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics. New Orleans

- **Building a Large-scale Persona Dialog Dataset**: Yinhe Zheng, **Guanyi Chen**, Minlie Huang. The Natural Language Generation for Human Robot Interaction Workshop at The 11th International Conference on Natural Language Generation. Tilburg, Netherlands

- **Modelling Pro-drop with the Rational Speech Acts Model**: **Guanyi Chen**, Kees van Deemter, Chenghua Lin. The 11th International Conference on Natural Language Generation. Tilburg, Netherlands

- **SimpleNLG-ZH: a Linguistic Realisation Engine for Mandarin**: **Guanyi Chen**, Kees van Deemter, Chenghua Lin. The 11th International Conference on Natural Language Generation. Tilburg, Netherlands

- **Modelling Various Kinds of Specifications**: **Guanyi Chen**, Kees van Deemter, Chenghua Lin. International Workshop on Computational Pragmatics. Bochum, Germany

- **Persona-aware Dialogue Generation with Enriched Profile**: Yinhe Zheng, Minlie Huang, **Guanyi Chen**, Song Liu, Xuan Zhu. (*submitted*)

- **Towards a Computational Model of Quantification: Lessons from an Elicitation Experiment**: **Guanyi Chen**, Kees van Deemter, Chenghua Lin. (*submitted*)

- **A Dual-Attention Hierarchical Recurrent Neural Network for Dialogue Act Classification**: Ruizhe Li, Chenghua Lin, Matthew Collinson, Xiao Li, **Guanyi Chen**. (*submitted*)