

# Yang Du (Du, Yang)

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## EDUCATION

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- 2015–now Master of Engineering in COMPUTER TECHNOLOGY,  
**Institute of Software Chinese Academy of Sciences**  
**University of Chinese Academy of Sciences**
- 2011–2015 Bachelor of Engineering in ELECTRICAL AND INFORMATION ENGINEERING,  
**Huazhong University of Science and Technology**  
Selected in the Excellent Engineer Training Program launched by Ministry of Education

## EXPERIENCE

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- Dec.2013–Jun.2015 **National Anti-Counterfeit Engineering Research Center**, Research Intern  
Jun.2014–Jul.2014 **Digilent China**, Summer Intern  
Jul.2013 **Texas Instruments**, Short Visit  
Jun.2013–Mar.2014 **HUST Innovation Base of Mathematical Modeling**, Group Leader

## SELECTED AWARDS

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- 2015 & 2016 **UCAS Postgraduate Studentship**  
Jul.2015 **Outstanding Graduate Award of HUST**  
Mar.2015 **ICM(Interdisciplinary Contest in Modeling for Undergraduates)**, Meritorious Winner  
Sep.2013 **Undergraduate Mathematical Contest in Modeling**, Second Prize(National)

## SELECTED PROJECTS

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- Aug.2016–Present **Reinforcement Learning Based Argument Mining**
- Co-supervised by Prof. Yang Gao and Dr. Hao Wang.
  - Supported by National Natural Science Foundation of China (61602453).
  - Propose a framework that solves two subtasks of Argumentation Mining (i.e. argumentation component type classification and argumentation component relation prediction) at the same time. Achieve a F-Score of 0.6081 in persuasive essay dataset.
- Sep.2015–Nov.2015 **News Verification on Microblog**
- Extracted both image features and text features and trained classification model to identify fake Microblog.
  - Achieved a F-Score of 0.70622 in Sina Weibo dataset.
- Mar.2014–Mar.2015 **Social Network Analysis**
- Supported by Undergraduate Training Program for Innovation and Entrepreneurship.
  - Coordinated weekly group meeting to read cutting-edge papers.
  - Devised novel machine learning models to quantify the influential strength between users in large social networks.
- Jun.2014–Jul.2014 **Zybo Sitter**
- Devised a baby care prototype based on Digilent Zybo Board which could interact in social media.
  - Implemented an auto-reply Weibo Server using PYTHON on resources-limited Xilinx Zynq Board.

## PUBLICATIONS

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- [1] Yang Du, Minglan Li, Mengxue Li. Joint Extraction of Argument Components and Relations (IALP2017 Accepted)
- [2] Zhili Ye, Yang Du, Li Zhao. Predicting Personality Traits of Users in Social Networks (IDEAL2017 Accepted)
- [3] Minglan Li, Yang Gao, Hui Wen, Yang Du, Haijing Liu, Hao Wang. Joint RNN Model for Argument Component Boundary Detection[J]. arXiv preprint arXiv:1705.0 (SMC2017 Accepted)

## INTERESTS & SKILLS

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Research Interests: Machine Learning, Natural Language Processing, Deep Learning  
Experienced in C++, MATLAB, C, PYTHON, JAVA