

## WEIXIAO SANG

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### PROFILE

- Bachelor of Automation
- Master candidate of Computer technology
- Strong programming skills with python, C language, C++
- Natural language processing engineer, researching on Few-shot learning direction
- Good communication skills having work with BUPT nature club to organize many activities

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### EDUCATION

#### September, 2018-Present UT-Arlington University

*Master candidate of Computer Science*

Core modules: Algorithm, Software engineering, Artificial intelligence, Data Mining, Machine Learning

#### September, 2018-Present Beijing University of Posts and Telecommunications

*Master candidate of Computer Technology*

Core modules: Computational Linguistics, Data Warehouse and Data Mining, Probability and Mathematical Statistics, Network Software Design, Formal Language and Automata, Distributed Computing Environment

#### September, 2013-June, 2017 Beijing University of Technology

*Bachelor of Automation*

Core modules: Automatic Control Principle, Digital Electronic Technology, Embedded System, Higher Mathematics, Linear Algebra

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### WORK EXPERIENCE

#### September, 2018-Present Beijing University of Posts and Telecommunications

**Master**

- Information extraction algorithm design
- Joint modeling of Triplet extraction design
- Participate in the research of Named Entity Recognition (NER) Algorithm and Relation Classification.

#### June, 2016-July, 2016 Beijing Sevenstar Electronics Company

**Engineer**

- Assisted in assembling solar panel production equipment, ensured the equipment running normally.
- Assisted in electronic circuit design
- Assisted to install graphite handcart

#### June, 2014-June, 2015 BUPT Nature Club

**Nature Club leader of the propaganda**

- Distributed leaflets
- Recycled used batteries and newspapers
- Recruited new members
- Organized club activities

#### June, 2012-July 2012 Beijing Children's Welfare Institution

**Volunteer**

- Cared disabled children, helped them eat and change clothes.
- Did some psychological counseling for children with psychological problems.

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### PROJECT EXPERIENCE

#### January, 2017-June, 2017 Design of micro spectrometer based on MCU and CPLD

- Designed micro spectrometer circuit.
- Wrote programme to control CPLD and MCU

#### October, 2018-November, 2018 Text classification based on naive bayes

- Wrote programme with python
- Trained text classifier based on naive bayes and SVM, each classifier F-measure has achieved 94%.

#### October, 2018-November, 2018 Chinese text segmentation

- Wrote programme with python
- Designed segmentation model based on markov chain and dynamic programming

#### October, 2019-Present Joint modeling of Triplet extraction

- Joint modeling of Triplet extraction design

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**PUBLICATIONS****Physics and Engineering 2014-2 ( CSTPCD )**

- The experimental error analysis of gravity acceleration by using free falling

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**LANGUAGES****Chinese (Native), English**