Yancheng ZHU(朱彦丞)

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EDUCATION

Beijing Normal University   **Beijing, China**

B.cs. in Computer Science and Technology   Sep, 2014 – Jun, 2019 *(Expected)*

● GPA: 86.6/100

● Core Course: Algorithm Design and Analysis, Data Structure, Operating System, Data Visualization

The Hong Kong Polytechnic University   **Hong Kong, China**

Exchange Student in Department of Computing   Jan, 2017 – May, 2017

● Core Course: Big Data Analytics, Biometrics Authentication, Computer Networking, IT Entrepreneurship

MOOC (Coursera)   **Online**

● "Machine Learning"   Dr. Andrew Ng   (Score: 98.4%)   2016

● "Model thinking"   Dr. Scott Page   2016

RESEARCH EXPERIENCES

Research on Named Entity Recognition Methods in Terrorism Text   **Beijing, China**

Directed by Prof. Rongfang Bie, BNU   Apr, 2018 – Jul, 2018

• Put forward a method by concatenating the character-level and word-level's Recurrent Neural Network and Convolutional Neural Network to optimize the Named Entity Recognition Algorithm.

• Automatically extract the named entities from terror-related texts with LTP to build lists.

Youdao.Netease Inc.   **Beijing, China**

Machine Translation Group, Intern   Jan, 2018 – Apr, 2018

• Advanced English Writing Grammar Correction program with 2016 AESW task with deep learning.

• Crawl papers and download target topic arXiv paper with multi-threading crawler.

Research Assistant Intern   **Lab for computational Intelligence@UBC, Canada**

Directed by Prof. David Poole and Dr. Matthew, University of British Columbia   Jun, 2017 – Sep, 2017

• Find patterns and data mining in rocks with SAM (Spectral Angle Mapping) algorithm and Auto-WEKA software.

The Hong Kong Polytechnic University   **NLP Lab@PolyU, HK**

Directed by Prof. Lu Qin, PolyU   Jan, 2017 – May, 2017

• Sentiment Analysis with short text in barrage on BiliBili and Calculate barrage similarity with LDA Model.

Beijing College Student's Innovative Project   **Beijing, China**

"BRAINSTORMING" APP IOS-Version development   Apr, 2015 – May, 2016

• "Story extendibility" small game for children.

• Used Swift 2.1 and Node.JS to complete the development of the front-page and the back-end database respectively.

EXTRACURRICULAR EXPERIENCE

- Core member in departmental debate team.   Sep, 2014 – May, 2016
- Core member in public Relations Department of Student Union.   2015
- Volunteer in 2014 ACM-ICPC Beijing regional tournament and 315 LeiFeng for computer fixing.   2014

HONOURS AND AWARDS

15' & 16'   **JingShi Second-class Scholarship**, Beijing Normal University (Top 10%)

16'   **First-class incentive grants**, Beijing Normal University (Top 5%)

14 '& 15'   **Second-class incentive grants**, Beijing Normal University (Top 15%)

15'& 16'   **Second-class prize in BNU programming contest**, Beijing Normal University (Top 5/25)

15'   **Honourable Mention prize in the 2015 ACM-ICPC Shenyang regional tournament**.

STRENGTH

Languages: Mandarin Chinese (native), English (working), Cantonese (beginner)

Programming Languages: C/C++, Python

Skills: Pattern Recognition, Natural language processing, Data Mining, Machine Learning

Packages & Tools: WEKA, Git , Sci-kit Learn, Tensorflow

Others: 3D Printing, Running, Taekwondo (Blue)