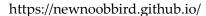
# Yancheng ZHU



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#### **EDUCATION**

#### **Beijing Normal University**

Beijing, China

B.cs. in Computer Science and Technology

Sep, 2014 – Jun, 2018 (Expected)

• GPA: 86.6/100

#### The Hong Kong Polytechnic University

Hong Kong, China

Exchange Student in Department of Computing

Jan, 2017 – May, 2017

• GPA: 3.4/4.0

• Research in NLP Laboratory, Supervisor: Prof. Lu Qin, Area: Social Media, Data Mining, NLP

## **RESEARCH EXPERIENCES**

Interest: Data Mining, Natural Language Processing, Machine Learning, Artificial Intelligence, Biostatistics

#### AI & Database Project

#### Lab for computational Intelligence@UBC

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

Worked as research assistant for AI & Database Project to incorporate geologist scientific data and knowledge
into a computer system to find patterns and data mining in rocks and provide new insights into the target
domain with SAM (Spectral Angle Mapping) algorithm and Auto-WEKA software.

#### Beijing College Student's Innovative Project

Beijing, China

"BRAINSTORMING" APP IOS-Version development

Apr, 2015 - May, 2016

- Aimed at improving children's ability to develop Chinese language usage and cooperation, version 1.0 can accommodate hundreds of people online.
- Used Swift 2.1 and Node.JS to complete the development of the front-page and the back-end database respectively.

## **International Genetically Engineered Machine Competition**

Beijing@BNU

Collaborate with students in department of biology in BNU

Sep, 2015 – Nov, 2015

- Rank 2 in the campus' select competition, acted as Website designer and bio-modeling programmer.
- Built connection between plasmids and energy consumption in microorganisms by using Matlab and C++, increased the utilization rate of microbial power generation by analyzing and optimizing two kinds bacterial decomposition product.

## **COMPETITIONS**

**ACM-ICPC** 

Apr, 2015 - Dec, 2016

- Won first-class prize in BNU programming contest twice. (May, 2015 & May, 2016)
- Won Honourable Mention prize in the 2015 ACM-ICPC Shenyang regional tournament.

#### **Mathematical Contest in Modeling**

Nov, 2016

• Won second prize in Beijing Contest District in China Undergraduate Mathematical Contest in Modeling.

## **ONLINE COURSE (COURSERA)**

| • | Won 98.4% Machine Learning course directed by Dr. Andrew Ng in Stanford University | 2016 |
|---|--|------|
| • | Text Mining and Analytics directed by Dr. ChengXiang Zhai in UIUC                  | 2017 |
| • | Model thinking directed by Dr. Scott Page in University of Michigan                | 2016 |
| • | Learning How to Learn directed by Dr. Barbara Oakley in UCSD                       | 2015 |

## **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.

• Volunteer in Open Source Community China (OSC@china)

Dec, 2015

## **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%)

#### **STRENGTH**

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

Programming Languages: C/C++, Python, C#, Matlab, HTML, Swift, Java, JavaScript

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

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

Others: Running, Taekwondo (Blue)