

XU Yizhou

Tel: (+86)18058412308 Email: Zoey.Y.Xu@outlook.com

EDUCATION

Sep.2015-Jun.2019

Ocean University of China, Qingdao

Bachelor of Science: Mathematics, Information and Computing Science

- Science & Technology Scholarship (3%), Second-Class Scholarship (15%)
- Grade Point Average: 85.0/100.0

Internship

Aug. 2018-Dec. 2018

Data Analyst Assistant

Alibaba Cloud, Hangzhou

- Created a mapping between the hospital database and Fast Healthcare Interoperability Resources (FHIR) database.
- Researched on Conditional Random Field and Bi-LSTM

Jul. 2018-Aug. 2018

Programmer

College of Computer Science and Technology, Zhejiang University, Hangzhou

- Invested in measuring the human physical dimensions based on images.

Jan. 2018-Mar. 2018

Data Analyst Assistant

the First People's Hospital of Jiande, Hangzhou

- Classified and collated varieties of data types and sources
- Completed the improvement of the hospital intelligent electronic medical record in the first quarter of 2018 under guidance
- Assisted to analyze case records and extract information (e.g. the names of diseases, the dosage of drugs, etc.) based on Named Entity Recognition

RESEARCH

Dec. 2017 to present

Programmer

Student Research Developing Program, OUC, Qingdao

- Implemented the Over-Segmentation algorithm using OpenCv
- Designed the initial eigenvectors based on Gaussian Mixture Model with teammates.
- Solved the constraints of sparse norms by MKL alone

Nov. 2016-Nov. 2017

Leader Programmer

Student Research Developing Program, OUC, Qingdao

- Solved the ambiguity, overlapping in Chinese Word Segmentation
- Implemented the Word2vec, RNN and LSTM algorithms with Tensorflow in Python to analyze the text sentiment

PROGRAMMING

Jul. 2017-Aug. 2017

Leader Programmer

Software Training, OUC

- Developed a module on Java to record, report, feedback and supervise the items, running on Apache Tomcat and connecting to a MySQL database
- Reported final effects to professor through written report and presentation

Oct. 2015-Mar.2017

Team Member

ACM-ICPC training, OUC

- Learned the data structures and algorithms based on C/C++, competed in Code Forces every week
- Participated in the ACM-ICPC Provincial Competition, won the Winning Prize. Participated in the Programming Contest of Lucent Cup; won the Second Prize (7/23) in university.

AWARDS

<i>Jan. 2018</i>	Provincial Excellence Award, the Software Innovation Competition
<i>Nov. 2017</i>	Excellent Project, Student Research Developing Program
<i>Jun. 2017</i>	Second prize, OUC Mathematical Contest in Modeling
<i>Jun. 2017</i>	Second prize, "Lucent Cup" Science and Technology Training Contest
<i>Apr. 2017</i>	Provincial Third prize, the Programming Contest of Lan Qiao Cup
<i>Apr. 2017</i>	Honorable Mention, the Mathematics Contest in Modeling
<i>Oct. 2016</i>	Provincial First prize, China Undergraduate Mathematical Contest in Modeling
<i>Jun. 2016</i>	Provincial Excellence Award, ACM-ICPC Programming Competition

SKILLS

- MATLAB/C/C++/Java/Python
- Statistical Modeling skills