

Man LUO

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Address: Beijing Forestry University, No.35 Xikou, Qinghua East Road, Haidian District, Beijing, 100086, China

Education

Beijing Forestry University(BFU)

09/2014-06/2018

Bachelor of Science in *Computer Technology and Science*

GPA: 85.52/100, 3.46/4.0(Class rank: 5/30, Department rank: 13/61); **Junior GPA: 89.79/100, 3.77/4.0.**

Research Interests

Artificial Intelligence, Natural Language Processing and Machine Learning

Research

Font Recognition Based on Neural Network Sequence Synthesis, Beijing, China

03/2017-Present

Researcher

- Applied the RNNLIB open source code and LSTM algorithm to the RNN neural network.
- Collected online handwritten font data and designed the model for font recognition.

Experimental Course Management System, Beijing, China

04/2017-06/2017

Developer

- Designed the overall framework of the system and decomposed it into functional modules.
- Familiarized MVC model of Web, Java and Spring framework development.
- Mastered the operation of HTML, CSS, and JSP page.
- Composed the control layer code and settled the transfer parameters.
- Engaged in the database operation and maintenance via Hibernate framework.
- Developed a system which could efficiently assist teachers and students in experience management.

Mathematical Contest in Modeling, Beijing, China

01/2017

Organizer

- Digitized the remote sensing image map and analyzed the land property via ArcGIS software.
- Selected ten indicators which could best predict the development of the city.
- Combined ten indicators with different weight to form a final mathematic model.
- Completed the research thesis "Better City Smarter Growth" based on the principal component analysis and linear regression modeling.

Institute of Artificial Intelligence, BFU, Beijing, China

06/2015-07/2016

Researcher

- Learned algorithms GMM, HMM, HLDA, LDA, PCA, applying to NLP.
- Used the open source code Kaldi to test speech data.

Internship

CAPINFO, Beijing, China

07/2017-09/2017

Assistant Intern, Research & Development Department

- Involved in medical insurance fraud prevention program and discovered abnormal data.
- Delved into the techniques of Apriori algorithm and processed data through open source code.

- Consulted large amounts of literatures and incorporated Eclat algorithm with data analysis.

Teaching Assistant

Principals of Computer Composition, School of Informatics, BFU

09/2016-01/2017

Course Instructor: *Prof. Haiyan Zhang*

- Took major charge of revising assignments and responding to doubts raised after class.
- Conducted to guide students in the use of assembly language programming, arithmetic units, memory components and control units during 5 experiments.

Awards & Honors

Academic Merit Scholarship, School of Informatics, BFU

10/2017

Excellent Student Cadre, School of Informatics, BFU

10/2017

The Honorable Mention Title in 2017 American Mathematical Contest in Modeling

04/2017

The 3rd Prize Academic Scholarship of BFU

10/2017

The 3rd Prize Academic Scholarship of BFU

10/2016

The 1st Prize and Best Debater in Debate Contest of BFU

09/2015

Activities

Undersecretary of Secretarial Department, Student Union, BFU

09/2015-06/2016

- Took charge of guests' invitation, face to face interview, and questions design as well as manuscript compilation.
- Attracted 130 people and published 7 articles at the Academy's official WeChat Subscription.

Vice-Captain of Debate Team, School of Information, BFU

09/2014-09/2016

- Discussed in group and participated in debate contests.
- Held debate contests, selected, trained and mentored new members.

Computer Skills

Python, C++, JAVA, HTML5, and SQL