

SHAN LU

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Website: baizhima.github.io • GitHub Account: [baizhima](https://github.com/baizhima)

Education

Renmin University of China

Beijing, China

Bachelor of Science in Applied Mathematics

March 2013 - June 2015(expected)

Cumulative GPA: 89.7/100

Bachelor of Management in Agricultural Economics and Management, *Summa Cum Laude*

September 2010 - June 2014

Cumulative GPA: 88.4/100

University of California, Davis

Davis, California

Exchange Student in Mathematics and Economics

January 2012 - December 2012

Cumulative GPA: 3.97/4.0, with 9 out of 12 courses graded A+

Stanford University

Stanford, California

Summer Student in Computer Science

CS courses: Data Structures(A), Probability(A+), Object-oriented Programming(A+), Computer System and Organization(A)

Experience

Multimedia Computing Lab, School of Information

Beijing, China

Undergraduate Research Assistant (Advisor: Prof. Xirong Li)

September 2013 - present

- Implemented Negative Bootstrapping method with SVM on PASCAL VOC 2013 image classification task
- Reassembled the SVM classifier with a Histogram Intersection Kernel to improve the overall top-5 accuracy by 8%

Dalian Commodity Exchange Research Institute

Beijing, China

Intern Researcher

July 2013 - September 2013

- Programmed a dominant contract monthly-effect detector for No.1 Soybean contract in Python
- Drafted a tutorial about Bloomberg Terminal's API in commodities section research

JunBro ToWords Corportation, iOS Division

Beijing, China

Intern User Experience Designer

January 2013 - March 2013

- Remodeled the user development system of ToWords(top 3 English learning App in AppStore China)

Publication & Talks

Facial Expression Recognition Based on Discriminant Neighborhood Preserving Nonnegative Tensor Factorization and ELM

Gaoyun An, Shuai Liu, Yi Jin, Qiuqi Ruan, and Shan Lu, *Mathematical Problems in Engineering*(Vol. 2014)

Game Characteristics and Feedback Period of MOOC Learning

Changsha, China

Student Speaker, *CCF China National Computer Congress(CNCC 2013), MOOC Subforum*

October 2013

- Invited due to my distinctive coursework on MOOC Platforms(over 11 Statement of Accomplishment in CS courses)

Skills

Languages: Chinese(native) and English(fluent)

Programming Skills: C/C++, Python, Java, MATLAB, R, HTML/CSS/JavaScript, Visual FoxPro

Test Score: GRE Verbal 154/170, Quantitative 170/170, Analytical Writing 3.5/6.0. TOEFL 108/120

Scholarship & Awards

President Scholarship for Overseas Study(top 0.1%, 20 over 2994 students of Class 2014)

December 2011

All exchange study tuition in UC Davis covered along with \$1200 living stipend per month

Award of Outstanding Leadership(top 2%, 1 over 51 Agricultural Economics major students of Class 2014)

May 2011

Class monitor from Sep. 2010 to Dec. 2011, merited at both provincial and college level