

BIN LIU

Room 414B, Zijing Building #1 Tsinghua University ◇ Beijing 100084 China
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EDUCATION

Tsinghua University

Oct 2014 - Present

B.S. in Software engineering, School of Software

- **GPA:** Overall: 88/100, Ranking: 17/69, Major: 90/100 Ranking: 11/69
- **Core Courses:** C Programming Language(95)/ Calculus A1(91)/ Introduction to Information Science and Technology(93)/ Linear Algebra 2(92)/ Practical Training for Programming - Qt(97)/ Data Structure and algorithm 1(91)/ Introduction to Complex Analysis(91)/ Probability and Statistics(98)/ Practice of Programming - Web Back-end(96)/ Web Front-end Technology(93)/ Architecture of Computer and Network 1(93)/ Software Engineering 3(92)

AWARDS

National Endeavor Fellowship (1/69)	Dec 2015
Excellence Award in the "Intelligent body" competition (17/482)	Dec 2015
Awarded with "Excellent Volunteer" (2/280)	April 2016
Academic Excellence Scholarship (1/69)	Dec 2016
Meritorious Winner in The Interdisciplinary Contest in Modeling.	April 2017

EXPERIENCE

Course Project: Article recommendation system

April 2016 - May 2016

- Lead a group of 3 students to work on the term project of course *Data Structure and algorithm*.
- Implement an article recommendation system based on Collaborative filtering and Matrix factorization, whose accuracy reached 40%.

SRT: Large scale video recognition based on deep learning

Sept 2015 - Sept 2016

- A project in Students Research Training Program(SRT) of Tsinghua University.
- Attempt to recognize fine action in large scale video based on deep learning.

Machine Learning Group, National Engineering Laboratory for Big Data Systems, Tsinghua University

June 2016 - Present

Advisor: Mingsheng Long, Assistant Professor

- Dig deeper into machine learning and deep learning.
- Assist advisor implementing, verifying his ideas in Hashing, Quantization, Transfer-learning, etc.

SKILLS

Language	Native in Mandarin, Fluent in English(CET6 507)
Computer Languages	Expert on C++, Python, Proficiency in C, JavaScript, Haskell, Matlab
Deep Learning Platforms	Caffe with C++, TensorFlow with Python

ACTIVITIES

Student Association of Science & Technology, School of Software

Sep 2015 - Sep 2016

Vice Minister

- Hosted the 20th Intelligent Body's Cup, co-organized most of events, implemented the logical part and offered sample AI program for players.

INTERESTS

Badminton, Billiards, Go, Reading, Running.