

# Bo Chen

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Homepage: <http://bias23.github.io>

## EDUCATION

**Shanghai Jiao Tong University, Shanghai, China**

**Sep 2012 -Present**

**Major: Electrical Engineering**

GPA (overall): **3.80/4.3**; Ranking: **8th/170**

Core courses: CS: Thinking and Approach of Programming(91)/ C++ Programming(90)/ Operating System(92)/ Data Structure

Math: Linear Algebra(98)/ Mathematical Analysis I(91)/Mathematical Analysis II(94)/

Probability and Statistics(94)/ Mathematical Methods in Physics(97)

## RESEARCH EXPERIENCES

**Wang Lab, EE & CS Department, School of Computational Science & Engineering, Shanghai Jiao Tong University, Shanghai, China**

2015.3 – Present

**Advisor: Prof. Xinbing Wang**

**Project: Latent Structure Detection of Online Social Network**

- Extracted features using deep belief nets
- Used lasso to estimate the latent structures of online social networks
- Evaluated our method on the dataset of Weibo and academic network

**School of Electronic Information and Electrical Engineering, Shanghai Jiao Tong University, Shanghai, China**

2015.3 – 2015.6

**Advisor: Prof. Yan Yuan**

**Project: Smart Car System**

- Designed a smart car to rescue the wounded after disasters
- Tracking based on face recognition, infrared rays or ultrasonic
- Used joystick, accelerometer, voice and button to control the car

**School of Electronic Information and Electrical Engineering, Shanghai Jiao Tong University, Shanghai, China**

2015.3 – 2015.6

**Advisor: Dr. Ling Gong**

**Project: Smartphone Based Health Evaluation System**

- Evaluated the physical state of the user with support vector machine
- Detected the ambient noise with the microphone
- Used the camera to estimate the heart rate
- Used service and broadcast component to monitor the usage of the phone's resources

## AWARDS

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| • Scholarship for Excellent students in Top 10%  | 2014 |
| • Scholarship for Excellent students in Top 5%   | 2013 |
| • Tung OACL Scholarship  | 2013 |
| • The 6 <sup>th</sup> Pan-Pearl River Delta and Chinese Elite Schools Physics Olympiad Third Class Award | 2010 |
| • Egypt Cairo 10 <sup>th</sup> World Peace Painting and Calligraphy Exhibition, Pyramid Gold Award       | 2005 |

## SKILLS AND OTHERS

**Programming:** Extensive programming , solid expertise on C/C++, Java, Python, Matlab, VHDL, Verilog, Assembly language, R, Scala, Latex

**Language:** Proficient English, specially scientific English Writing

GRE: V: 152, Q: 170, AW: 4.0 TOFEL: 100 (R:28, L: 25, S: 22, W: 25)

**Interests:** Basketball, Table Tennis and Swimming