

Tong He

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EDUCATION

Sun Yat-Sen(Zhongshan) University

B.S. in Statistics, Sep. 2009 - Jun. 2013

- Overall GPA: 3.6/4.0
- Last two years GPA: 3.9/4.0

AWARD

KDD CUP, 2013

- Ended up with top 20% in track 1

ACM/ICPC, 2012

- Second prize in SYSU campus
- Third prize in Guangdong province

Individual Study Scholarship, 2012

- Dedicate to those excellent in research and study

National Mathematical Modeling Competition, 2011

- Third prize in Guangdong province

INTERN EXPERIENCE

Douban

Algorithm Engineer , Beijing, China, 2013

- Predict user gender and income level via user preference data with the precision high than 95%
- Clean and structurize folksonomy data
- Natural language processing jobs involving Chinese word splitting

Giordano

Buisness Analyst, Guangzhou, China, 2013

- Analyse relationship among variables and report in slides, i.e. weather, temperature, storage, discount, and sales volume.

Industrial and Commercial Bank of China

Data Analyst, Guangzhou, China, 2012

- Data organizing and formalization for enterprises

PUBLICATION

Augmenting LASSO Regression with Decision Tree for Identifying the Correlation of Genetic Polymorphism and Adverse Events

- Accepted as regular paper by BIBM 2013

Introductory Statistics with R in Chinese

- One of the translators of the Chinese version, originated by Peter Dalgaard

RESEARCH PROJECT

Single feature polymorphisms gene detection based on Bayes model

- My undergraduate thesis. Rated as the top level.

Microarray Data with shrinked MANOVA statistic, analysed based on FDR

- Borrow technics from *Large Scale Inference* by Bradley Efron

INVITED TALKS

Cleansing and analyse folksonomy in Douban

- Sixth useR China conference in Shanghai, Nov. 2013

Ensemble model in machine learning

- First R Salon in Guangzhou, Jun. 2013

PROGRAMMING LANGUAGE

R

- Seasoned R user, having a project *R for Codejam* aiming to implement classical algorithms in R

C/C++

- Experience with ACM/ICPC in college and Olympiad in Informatics in high school

ENGLISH PROFICIENCY

TOEFL : 102

GRE : 321

EXTRACURRICULAR ACTIVITIES

Volley ball team of Mathematical School

- Team Leader

Chorus of Sun Yat-Sen University

- Tenor section leader