

SONGPENG ZU

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EDUCATION

Tsinghua University 2011.09 - Present

PhD Candidate, Bioinformatics Laboratory, Department of Automation, Tsinghua University
Graduate Major GPA: 90.84/100

- Applied Stochastic Process
- Real Analysis, Basic Functional Analysis
- Pattern Recognition, Probabilistic Graph
- Applied Abstract Algebra
- Design of Bioinformatics Algorithms
- Probability and Statistics in High Dimensions

Tsinghua University 2007.09 - 2011.07

Bachelor, School of Life Science, Tsinghua University
Undergraduate Major GPA: 86.32/100

RESEARCH EXPERIENCE

Department of Automation, Tsinghua University 2011.07 - Present

Predicting compound-protein interactions from the machine learning perspective.

Department of Statistics, Harvard University 2014.03 - 2014.09

Cis eQTLs detection on GTEx Project by Bayesian nonparametric tests via sliced inverse modeling.

Internship in Baidu Inc, Beijing, China 2014.01 - 2014.02

Internship in Disease Control and Prevention Center, Liuzhou, China 2013.07 - 2013.08

PUBLICATION

Zu S., Chen T, Li S. *Global optimization-based inference of chemogenomic features from drug-target interactions*. Bioinformatics, 2015. (published online)

WORK EXPERIENCE

- TA of Introduction to Systems Biology for undergraduate students 2014.09 - 2015.01
- TA of Probabilistic Graphical Models for graduate students 2013.09 - 2014.01
- Undergraduate Affair Counselor (for scholarship and financial aid assessment) 2011.08 - 2013.01
- The volunteer of 2008 Beijing Olympic Games 2008.08

AWARDS

- Tsinghua Scholarship for Overseas Graduate Studies 2014
- Tsinghua Excellent Undergraduate Affair Counselor 2013
- Tsinghua Zhongying Tang Scholarship 2008, 2009, 2010

TECHNIQUES AND INTERESTS

Computer Languages	R, Python, Perl, C/C++, Shell
Tools	Emacs, Vim, Latex
Interests	The international ballroom dance, Football