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.

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*
- Internship in BAIDU Inc., Beijing, China   *2014.01 - 2014.02*
- 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*

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