

## Pan Baoxiang

### PRESENT ADDRESS

#310 New Hydrolic Buiding  
Tsinghua University, Beijing 100001  
+86 13366720253

### PERMANENT ADDRESS

#102 Residential Building  
Dongguan Middle School , Feixian 273400  
+86 0539-5012705

### EDUCATION

Institute of Hydrology and Water Resources, Tsinghua University, Beijing  
Master of Engineering (Candidate), Hydrology and Water Resources, June 2012  
Focusing on Hydrological Model Evaluation and Stochastic Hydrological Analysis  
Average Score: 86.73/100

School of Water Resources and Hydropower Engineering, Wuhan University, Wuhan  
Bachelor of Engineering, Hydrology and Water Resources, June 2012  
Minors in Architecture  
G.P.A. 3.23/4.0

### RESEARCH WORK

Undergraduate Work:

- Comparison of Parameter Optimizing Algorithms (Gene Algorithm, Particle Swarm Optimization, Shuffled Complex Evolution)
- Conceptual Hydrological Model
- Stochastic Simulation of Hydrological Terms

Graduate Work:

- Spatial and Temporal Upscaling of Watershed Hydrological Process Based on Stochastic Soil Moisture Model
- Examining Information Existence and Flow in Hydrological Observations and Simulations across Temporal Scales within the Context of Information Theory

### SKILLS

- Mathematics
  - Analysis
  - Probability Theory
  - Linear Algebra
  - Stochastic Process
  - Operations Research
  - Numerical Analysis
  - Information Theory
  - Machine Learning
- Computer Skills
  - Functional Programming: scheme
  - C
  - Database
  - L<sup>A</sup>T<sub>E</sub>X
  - Algorithm Analysis
  - Matlab
  - Mathematica

- Familiar with Programming Environments and Popular Software in Linux & Windows
- English

#### GRE

Verbal	Quantity	Writing	Total
152	170	3.5	322

#### TOEFL

Reading	Listening	Speaking	Writing	Total
29	27	20	26	102

- Other skills
  - Basketball, starting small forward of the school team.
  - Sketching
  - Traditional Chinese music instrument, Erhu, level 6.

#### GITHUB

<https://github.com/morepenn>