

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^AT_EX
 - 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>