

## Resume

Name	Yong Tang	Gender	Male	Citizenship	China	Visa	F1
Major	Civil and Environmental Engineering						
Contact Info	E-mail: <a href="mailto:yxt132@psu.edu">yxt132@psu.edu</a> ; Tel: (814)-777-3005						
<b>Education Background</b>							
2003.9~Now	Penn State University---PHD Candidate in Civil Engineering (Water Resources); ---PHD Minor in Computational Science (High Performance Computing)						
2000.9~2002.7	Tsinghua University, China---M.S. in Civil Engineering (Water Resources)						
1996.9~2000.7	Tsinghua University, China---B.E. in Hydraulic & Construction Engineering						
<b>Work Experiences</b>							
2002.7~2003.8	Civil Engineer, Project Manager, Beijing TDRISING Technology Ltd.						
<b>Internship</b>							
2001.6~8 & 2000.6~7	Hangzhou ACE Electronic System Engineering Ltd, China, an IT Corporation Dedicated to Flood Control, Risk Analysis, Disaster Mitigation ---Task: Develop the Flood Control Decision Support System						
2000.4	Three Gorges Project, China ---Task: A Supervisor of Three Gorges Project						
<b>Thesis Topic</b>							
PHD	---Multi-scale Multi-objective Calibration and Sensitivity Analysis on an Integrated Hydrologic Model in the Parallel Computing Framework						
Masters	---A Study on Watershed Simulation Models and Model base						
Bachelor	---Flood Control Decision Support System in Aojiang River Basin						
<b>Computer Skills</b>							
Operating Systems	--- Windows, Unix/Linux, Macintosh						
Programming Languages	--- C, C++, Fortran, Basic, Pascal, HTML						
Developer Tools	--- Visual Studio (VC, VB, Visual SourceSafe), Delphi, Matlab, Frontpage						
Database	--- SQL Server, Ms Access, Oracle, Sybase						
Parallel Computing	---MPI, OpenMP						
GIS Tools:	---ArcGIS, MapInfo						
Graphic Tools	---Photoshop, AutoCAD						
Hydraulic Software	---HEC						
<b>Work &amp; Research Interests</b>							
Consulting in Civil and Environmental Engineering							
Project Management and Software Development							
High Performance Computing							
Systems Optimization Using Genetic Algorithms							
Multiobjective Decision Support							
Hydrologic Modeling							
Uncertainty and Sensitivity Analysis							
<b>Awards and Honors</b>							
Penn State University --- College of Engineering Fellowship							
Tsinghua University---Shi Jiayang Scholarship; Excellent Student Scholarship; Wu Chaoyu Scholarship; Zhang Guangdou Scholarship; The third prize of the 19th Challenge Cup							
<b>Hobbies</b>							
Soccer, Swimming, Badminton, Hiking, Traveling							