

Hao Wu

BIOGRAPHY

I am a 2nd year postgraduate (PhD) student at Computer Science Department, National University of Ireland, Maynooth, where I received my B.Sc. in Computer Science. I was born and raised in Shanghai. I grew up in a way pretty much like other kids did until I came to Maynooth. My research mainly focuses on model checking and specification, formal methods, programming language design and software testing.

CONTACT INFORMATION

Location: Desk 12, Research Lab 1,
Computer Science Department, National University of Ireland, Maynooth,
Co.Kildare, Ireland.

E-mail: haowu@cs.nuim.ie

Webpage: <http://www.cs.nuim.ie/~haowu>

EDUCATION

National University of Ireland, Maynooth (NUI, Maynooth)

Ph.D. In Computer Science, *Present*
Supervisors: James Power and Rosemary Monahan

B.Sc. in Computer Science & Software Engineering (1st class honours) *2004 – 2009*
(1st place in the class)
*Favorite subjects: formal methods, compilers,
data structures & algorithms, cryptography.*

Shanghai Business School (SBS)

Diploma in Business and Computing *2000 – 2003*

HONOURS AND AWARDS

- John and Pat Hume Scholarship, *NUI, Maynooth, 2009*
- Intel Medal for best final year student in Computer Science, *NUI, Maynooth, 2009*
- Prize for best final year project in Computer Science, *NUI, Maynooth, 2009*
Project Title: An Ecore based front-end for a VHDL Compiler
- 3rd Prize for outstanding exam results, *SBS, 2003*
- College Excellent Students Awards, *SBS, 2003*

昊昊

Wú Hào

RESEARCH AND WORK EXPERIENCE

- **Student Volunteer, TOOLS 2010**
28th-Jun 2010 – 2nd-Jul 2010
I acted as a role of technical support and assisted conference organiser to help participants' registration.
- **Microsoft Research Ireland, Software Automation Engineer (Internship),**
Jul 2007 – Aug 2008
I worked as an intern in Sustained Engineering Service group. The main jobs involved testing, debugging and developing automation system for an office team.
- **National University of Ireland, Maynooth, National Centre for Geocomputation,**
Feb 2007 – Apr 2007
We developed a program that uses Geographically Weighted Regression (GWR) method to analyse spatially varying relationships.

TEACHING EXPERIENCE

- **National University of Ireland, Maynooth, Semester 2010 – 2011**
 - Tutor for CS355: Theory of Computation
 - Lab demonstrator for CS357: Software Verification
 - Lab demonstrator for CS310: Compiler Theory
 - Lab demonstrator for CS141/CS143(1st year programming)

PUBLICATIONS

Hao Wu, Rosemary Monahan and James F. Power. *Test case generation for programming language metamodel 1st Doctoral Symposium of the 3rd International Conference on Software Language Engineering, Eindhoven, Netherlands, October 11, 2010.*

Hao Wu, Rosemary Monahan and James F. Power. *Using ATL in a tool chain to calculate coverage data for UML class diagrams. 2nd International Workshop on Model Transformation with ATL, Malaga, Spain, June 30, 2010.*

HOBBIES

- Honour President and Secretary of Table Tennis Club, *NUI, Maynooth, 2010*
- President of Table Tennis Club, *NUI, Maynooth, 2008 – 9*
- Member of Minds Society, *NUI, Maynooth, 2004 – 5*

昊昊

Wú Hào