

# MITACS Accelerate

## Intern CV

Date March 12, 2010	
Family Name  Zhou	Given Name  Wu

### ACADEMIC BACKGROUND

Degree	Name of Discipline	Institution	Country	Date
PhD	Statistics	University of Waterloo	Canada	Apr 2010
Master of Mathematics	Statistics	University of Waterloo	Canada	Dec 2004
Bachelor of Engineering	Computer Science	Beijing Information Technology Institute	China	July 1995

### ACADEMIC, RESEARCH & INDUSTRIAL EXPERIENCE

Position held	Organization	Department	Period <small>(yyyy/mm to yyyy/mm)</small>
Research Assistant	University of Waterloo	Department of Statistics and Actuarial Science	2005/01 to 2010/04
Splus Specialist	TekSystems, Montreal	Eli Lilly project group	2008/07 to 2008/09
NPCDS Internship	Generation5, Toronto	Mathematics Lab	2006/05 to 2006/09
Programmer and data analyst	North China Institute of Computing Technology	Research Centre	1995/09 to 2001/07

### DESCRIPTION OF ACTIVITIES AT ACADEMIC INSTITUTIONS

Provide details of published papers, title of dissertation and name of supervisor and other relevant activities.

“A new framework for clustering” a PhD thesis, Department of Statistics and Actuarial Science, University of Waterloo, March 2010. This work is supervised by Professor Oldford.

“A graph based method for finding a high density cluster tree of a continuous distribution”, a presentation at the Graduate Student Research Conference, University of Waterloo, Apr 2009. This work is supervised by Professor Oldford.

“Defining a cluster tree for a multivariate discrete distribution”, a presentation at the Joint Meeting of the Statistical Society of Canada, Ottawa, May 2008. This work is supervised by Professor Oldford.

“A review and implementation of some approaches to metric clustering”, a master's degree essay, Department of Statistics and Actuarial Science, University of Waterloo, Dec 2004. This work is supervised by Professor Oldford.

#### **AREAS OF EXPERTISE**

Provide a maximum of 10 words that describe your area(s) of expertise.

data mining, clustering, data analysis, algorithm discovery and implementation, programming