Qiang Kong - Curriculum Vitae

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Department of Computer Science, University of British Columbia

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Career Objective

I am interested in an engineering or research position in either a company or a research laboratory, ideally where I can continue to work in the areas of Information Visualization and Data Mining.

Education

M. Sc. Computer Science, expected October 2005

University of British Columbia, Vancouver, British Columbia, Canada

Supervisors: Professor Raymond Ng and Professor Tamara Munzner

Thesis title: Visual Mining of Powersets with Large Alphabets

B. Sc. Computer Science, July 2003

Zhejiang University, Zhejiang, China

Supervisor: Professor Chun Chen

Overall GPA: 91.6% (Ranked 2nd out of 460 students in the Computer Science Department)

Research and Work Experience

Research Assistant, University of British Columbia, Vancouver, BC, April 2004 – Present

My research areas were information visualization and data mining. I have developed several information visualization tools using OpenGL, Java and Swing.

Teaching Assistant, University of British Columbia, Vancouver, BC, September 2003 – April 2004

My duties include tutoring, grading homework and exams.

Research Assistant, Zhejiang University, Zhejiang, China, July 2002 – July 2003

I conducted research on image-based modeling and rendering. I developed a new method for modeling a 3-D object from a series of photos without sophisticated equipment.

Software Engineer, Sante Cableway Co., Ltd., Wuhan, China. May 2003 – Sep 2003, Jun 2002 – Sep 2002

I worked in a team of seven people, designed and implemented the booking system for the company.

Awards and Honors

Partial International Tuition Scholarship, University of British Columbia, 2003-2005

Dean's Honor List for Outstanding Academic Achievement, Zhejiang University, 2000 - 2003

Excellent Graduate Student, Zhejiang Province, 2003

IBM Scholarship, 2003

Intel Fellowship, 2002

Undergraduate Student Research Award, Zhejiang University, 2002 - 2003

Scholarship for Outstanding Undergraduate Students, 1999 - 2003

Gold Medal, Programming Contest of Zhejiang University, 2002

Gold Medal, National Chemistry Competition, 1999

Technical Skills

Programming Languages: Java, C/C++, OpenGL, SQL, JavaScript, PHP, and HTML

Development Software: Eclipse, Microsoft Visual Studio

Operating Systems: Microsoft Windows NT/2000/XP, UNIX Linux/Solaris.