

SUMMARY OF QUALIFICATIONS

Background encompasses 4 years of research experience in Logistics and Operations Research, as well as 4 years of diversified experience as a Software developer, Wireless Systems Engineer, and Webmaster.

EDUCATION:

- Ph.D., 2007(expected). Northwestern University, Evanston, IL
Industrial Engineering & Management Science GPA 3.9/4
Major: Transportation & Logistics; *Minor:* Optimization, Decision & Risk Analysis
Dissertation: Operational Flexibility in Drayage Vehicle Routing
Courses: Transportation Network Design & Operations; Self-Organizing Logistics Systems; Heuristic Optimization; Integer Programming; Advanced Math Programming; Stochastic Models; Production & Logistics I, II; Static Decision Models; Dynamic Decision Models;
- M.S. 2003. Bowling Green State University, Bowling Green, OH
Applied Statistics & Operations Research GPA: 3.8/4
- M.E. & B.E. 2001. Beijing University of Aeronautics & Astronautics, Beijing, China
Computer Science & Engineering Avg. Grade: 88/100, GPA: 3.7/4

EXPERIENCE:

- **Research & Development Intern** (June 2006 – November 2006)
Enterprise Optimization, United Airlines, Chicago, IL
 - Develop models & solution methods for the aircraft routing problem, collaborate with the Airline Scheduling clients to generate aircraft schedules to meet maintenance criteria.
 - Design & implement a new method to handle station-specific gate capacity restrictions as well as overnight restrictions in the international fleet assignment model.
- **Systems Engineer** (March 2001 – July 2001)
Research and Development New Generation (3G) Mobile, Information & Communication Mobile Networks Siemens Limited China, Beijing, China
 - Designed & implemented the handover procedure with system integration module in TD-SCDMA, developed the major solution & the new standard of Chinese 3G mobile networks.
 - Led group to design & operate black box tests using K1297 Protocol Testers.
- **Web Information Project Director & Team Leader** (August 1999 – August 2000)
Dept. of Guilin Tourism, Guilin, China
Dept. of Computer Science & Engineering, BUAA, China
 - Developed Web Information Systems & Tourism E-commerce Systems at www.guilin.com.cn, based on the local area network of the Guilin tourism department.
- **Management Information System Designer & Software Developer** (August 1997 – July 1999)
Dept. of Computer Science & Engineering, BUAA, China
 - Designed & implemented the Campus Intelligent Card Systems of BUAA for food services, used by 20,000 people per day.

SKILLS:

- Proficient in: AMPL, SAS, Minitab, Matlab, Lindo, Cplex Callable Libraries, ProModel, Knitro
C/C++, HTML, JAVA, JavaScript, SQL, ASP, Perl, CGI, Tcl/Tk, Microsoft Developing Tools
- Strong knowledge of: Unix system management, developing environment, and network equipment
- Experienced in: Client/Server model development and RDBMS database applications

OTHER:

- Northwestern University Transportation Center, Dissertation Year Fellowship (2006 – 2007)
- 2006 INFORMS Future Practitioner Doctoral Colloquium, Pittsburgh, PA (November 2006)