

# Qian Feng

## Home Address

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**Objective** A potential-filled position with a progressive company that will utilize my rapidly growing experience in the areas of the software engineering and programming.

**Education** M.S. Candidate, Iowa State University, Expected December 2005.  
Major: Computer Science, Cumulative GPA: 3.89/4.0  
Major Professor: Dr. Robyn R. Lutz

B.S., Iowa State University, December 2003  
Major: Computer Science, Cumulative GPA: 3.87/4.0; graduated with Distinction

B.S., NanJing University, NanJing, China, July 1997  
Major: Biology, Cumulative GPA: 3.3/4.0; graduated with Excellent Graduate Award

**Relevant Coursework** *Software System Safety, Formal Methods in Software Engineering, Operating Systems, Scalable Software Engineering (emphasis in security), Advanced Topics in Database Systems, Database Systems, Design and Analysis of Algorithms, Software Development Practice, Java & Internet Programming, Advanced Programming Tools (C#)*

**Relevant Projects** Server Message Engine Developing (Java, XML), Server Client Poker Game (C#), Web-based Database Application for Genetic Data Research (JSP, SQL, JavaBeans), Sensor Network Simulation (Java), Security Vulnerability Tool Development (Java, C), Multimedia Client/Server Application (C), P2P Storage Implementation (Java), Bandera Mutual Exclusion Verification (Java), Java DOM Fault Tree Translation Tool (Java, XML)

**Technical Skills** *Programming languages:* Java, C#, C/C++, Visual Basic, Fortran, JSP, Servlet, HTML, Scheme  
*Software Applications:* Spin, SCR, Bandera, SpecTRM, MySql, Tomcat, ITS4, BOON  
*Software Engineering:* Requirement Engineering  
*Operating Systems:* Linux, Unix, Windows  
*Other:* SQL, DB2, XML

**Employment** ABC Virtual Communications, Inc.  
Software Developer Intern Summer 2005

- Responsibilities includes
  - Server Message Engine Developing
  - Client/Server Programming, Testing and Debugging
- Skills Developed: Working under pressure, XML, XMLBeans, JDBC and DB2 experience, Client Server Development, Testing

Department of Computer Science, Iowa State University  
Teaching Assistant of Com S 362: Object-Oriented Analysis and Design Spring 2004

- Skills Developed: Motivating others, Verbal Communication, Making decisions, Responsibility

Laboratory of Software Safety, Department of Computer Science, Iowa State University  
Research Assistant Fall 2003 to Fall 2004

- Responsibilities include performing research relating to the software engineering of safety-critical product lines, support in part by NSF grant #0204139: "Safety Analysis for Critical Product Lines"
- Skills Developed: Design research plans, Analyze data, Writing, Solve problems creatively

**Publications** "Bi-Directional Safety Analysis of Product Line", The Journal of Software and Systems