

# Xiulan Kim (Nancy)

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## EDUCATION

**Syracuse University**, Syracuse, NY

**College of Engineering and Computer Science**

M.S., Computer Engineering, May 2016

GPA: 3.35

**Tsinghua University**, Beijing, China

Bachelor of Engineering, May 2014

## RELATED COURSEWORK

*Graduate:* Software Modeling & Analysis, Advanced Computer

Architecture, Object Oriented Design, Design of Operating Systems, Data Structures & Algorithms, Principles of Network Security

*Undergraduate:* Computer Programming, Micro-Computer and Embedded System Design

## TECHNICAL SKILLS

**Programming Languages:** C, C++, C#

**Operating Systems:** Win 98/NT/2000/XP, Linux, Unix

**Application Software:** Visual Studio .NET, Microsoft Office, Visio, SQL Server

**Other:** MS Access, XML, UML, HTML, SQL

## INDUSTRY EXPERIENCE

**Motorola, Inc.**, Libertyville, IL

*Intern*, May 2013 to August 2013

- Updated a DOCSIS simulator written in C and designed to work on Linux/Unix
- Acquired working knowledge of the cable system headend with a concentration on the DAC6000

## INDEPENDENT PROJECTS

### Requirements Database Manager

- Created a database manager utility that maintains the mapping between the customer requirements and developer requirements. Development Environment: Visual Studio 2005; Database Server: SQL Server 2005.
- *Deliverable:* SRS, Source Code (Visual C#), and Design Document

### Directory Synchronizer

- Designed and implemented a GUI-based directory synchronizer that works across a network using sockets.
- *Deliverable:* Source code developed in Visual C++ 8.0 with XML messaging