Winston Wan

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Objective   Seeking a full-time position in Computer Science.

Education   **Carnegie Mellon University**, Pittsburgh, PA   May 2010
- B.S. Electrical and Computer Engineering
- Minor in Computer Science
- GPA: 3.3/4.0

Experience   **City Year**, Boston, MA   Aug '12 - present
Corpsmember, Orchard Gardens K-8 Pilot School
- Conducted "Whole School, Whole Child" initiatives at K-8 school
- Supported 8th grade Math and 7th grade English classes
- Designed lesson plans for extended day programs focused on social justice
- Coordinated efforts with a team of 14 corpsmembers

FactSet Research Systems, Norwalk, CT   July '10 - Aug '12
Software Engineer, Content Integration Engineering
- Managed core database for financial software company
- Maintained daily data feeds and developed web tools to improve process
- Interim manager for new group member during manager's maternity leave
- Made presentations to company on Ruby and Ruby on Rails

University of Illinois at Urbana-Champaign, Champaign, IL   Summer '09
Intern, Systems Research Group
- Researched memory forensics and malware detection
- Implemented a forensics tool suite
- Developed framework for data structure discovery in physical memory

J.D. Powers and Associates, Boulder, CO   Summer '08
Intern, Web Intelligence Research Division
- Developed a pipelined, multi-threaded blogosphere crawler in Java

Carnegie Mellon University, Pittsburgh, PA   Jan '09 - May '10
Web Developer, Civil Engineering Department
- Developed flash-based front end for sustainability database
- Used RIA development tools such as Adobe Flex Builder

Peer Tutor, Academic Development   Feb '07 - May '10
- Tutored students in math and computing in groups and individually

Resident Assistant, Student Life Office   Aug '07 - May '09
- Advised and supervised a floor of 30-40 residents
- Planned developmental events and programs

Coursework   Operating System Design and Implementation
- Wrote a working multi-threaded kernel in two person teams
- Featured console support, scheduling, and memory management
Computer Architecture
- Worked on Verilog description of a processor in two person teams
Telecommunication Networks
- Wrote code for UDP server/client communication and network topology

Skills   Languages: Ruby/RoR, Perl, JavaScript, Java, C, SML, Adobe ActionScript
Software Expertise: Eclipse, Vim, mySQL, GDB, node.js

Activities   Ultimate Frisbee (Treasurer, 2007-08), Board Gaming, Backpacking

Honors   Valedictorian, Centaurus High School, 2006
Dean's List, Carnegie Institute of Technology, Fall 2006

U.S. Citizen