Jan Zheng

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Current Address
UMBC
Erickson 204 A
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Objective

Research and software development with emphasis in interactivity, usability, and design.

Selected Experience

Microsoft Corporation – Visual Studio Team System *:::* Program Manager Intern
Raleigh, North Carolina, Summer 2008

- Managed intern project that added a shell extension feature for *Team Foundation Server*
- Designed and proposed drafts and ideas for the project's user interface
- Provided custom artwork, including icons, for the user interface
- Designed and proposed a real-time collaboration feature for *TFS*
- Performed market and technology research for existing technologies

University of Southern California – Integrated Media Systems Center *:::* Research Intern
Los Angeles, California, Summer 2007

- Developed real-time MIDI application for research and performances in Max/MSP
- Designed and created a multimedia desktop video and notation application using Adobe AIR

Lockheed Martin Corp. – *Information Technology :::* Summer internship / Part-time employee
Baltimore, Maryland, 2006 – 2007

- Designed and developed an internal collaborative system using Windows Server 2003, SQL Server, and Windows SharePoint Services
- Designed and developed custom internal SharePoint applications using ASP.NET and C#

Skills

Software experiences:

- Design & Visual Arts: **Adobe CS4** (Photoshop, Illustrator, Flash, Dreamweaver, Fireworks), Painter X, MS Visio, **MS Expression**, IcoFX, Paint.NET, Sketchbook Pro
- Programming & Support**: Visual Studio 2008**, **Eclipse** SDK, DDD, **Apache** Server, MySQL, Microsoft SQL Server, Microsoft **Windows Server 2008**, IIS, VM Ware, Flex Builder
- Audio & Sound: **Reason 4**, Ableton **Live**, **Soundbooth** CS4, Max/MSP, NI Reaktor

Programming Languages:

- Proficient: **Java**, **C++**, XHTML 4.01, CSS, JavaScript, **ActionScript 3**
- Previous experience: **ASP.NET/ C#**, **C**, **OpenGL**, Python, **MATLAB**, Max/MSP, Common Lisp, php

Education

University of Maryland, Baltimore County

Major: Computer Science **GPA:** 3.45
Minors: Math, Psychology **Graduation:** May, 2009

Relevant Coursework:

Computer Science: Algorithms, Artificial Intelligence, Computer Architecture, Data Structures, Discrete Structures, Graphics, GUI Design, Object Oriented Programming, Operating Systems, Programming Languages, Scripting Languages, Software Design
Math: Differential Equations, Linear Algebra, Analysis, Multi-variable Calculus, Statistics
Psychology: Cognitive, Developmental, Personality, Learning Psychology

Other

Other Information:

- Citizen of the **United States**
- Willing to t**ravel** and to **relocate** (including internationally)
- Fluent in **English, Swedish,** and **Chinese**