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Jason Mirra (U.S. Citizen)

Objective

To obtain an internship that is challenging and involves interesting aspects of computer science.

Education

Carnegie Mellon University Pittsburgh, PA
Bachelor of Computer Science

MAY 2011

Computer Skills

- Languages- Java, C, C++, C#, ASP.NET, MySQL, SML
- Software- Eclipse, SVN/CVS, VM (VMware, VirtualBox), Windows, Linux

Coursework

Foundations of Software Engineering

Effective Programming in C & Unix

Calculus in Three Dimensions

Introduction to Computer Systems

Great Theoretical Ideas of Computer Science

Computer Networks

Advanced Mobile Robot Development

Designing Human Centered Software

Game Development Experience:

Developing games has been my passion since I discovered computer science several years ago. I've started over twenty of my own game projects, a couple of which are listed below.

- **Lead Developer of "DragonWars"** Fall 2008 - Present
 - Contracted to develop an online turn-based strategy game according to a design document provided by a group of angel investors. DragonWars is currently in its Alpha stage and has over 200 players so far. (~16k lines of code)
 - Experience/Skills: Dealing with clients' needs, MySQL, Networking, Concurrency, SVN
- **Project Manager of "Search for Celestia"** September 2006 – October 2007
 - Online real-time strategy game which pits up to 8 players against each other.
 - Started by myself, but quickly grew to include composers, graphic artists, tools programmers, and designers: many from the GameDev.net community.
 - Completely finished with features such as distributed servers, tutorials, map editor, and match replay (~40k lines of code)
 - Experience/Skills: Project Management, Networking, Concurrency, OO design

Job Experience:

- **Programming Internship at ProfSoft Inc.** Summer 2008
 - Created an administrative suite for ProfSoft clients and support.
 - Experience/Skills: Real development cycle, MySQL, C#, ASP.NET
- **Taught the Advanced Programming section of Andrew's Leap** Summer 2007
 - Instructed students of this Carnegie Mellon Summer program on how to program graphical Java applications which worked over the network.

Groups/Awards

- Alpha Epsilon Pi
- Ford Motor Company Research Award
 - For Assistive Automotive Intelligence Technology (AAIT) during the Mobot competition.

My Portfolio Website – www.jasonmirra.com

- Try out projects from my website—source code available upon request.