

David Keyworth

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SKILLS

Technologies: C#, C++, Java, Visual Basic, ActionScript/Flash, Lua, HTML, PHP, Ruby, SOAP, Perforce, SVN, .NET, Linux, SQL, Oracle

Design: Visual Studio 2010, Adobe Flash CS3, Adobe Photoshop CS3, Adobe Framemaker

Utility: MS Office, MS Windows, Linux, A+ Software Certified

PROJECT EXPERIENCE

- Performed NPC choreography work for the Half-Life 2 mod Black Mesa (www.blackmesasource.com)
- Created a 2D platformer Pilferocalypse with a 3-person team using Direct X 10
- Created Lavasurf game in a team with two other students using Flash
- Created Shrink game in a team with ten other students using XNA. Developed the camera movement and scaling system
- Created two games in small teams making an engine from scratch in C++ and DirectX 10
- Programmed minigames in a Dora the Explorer game using Lua and C++. Adjusted difficulty to be suitable for different age groups

EDUCATION

Rochester Institute Of Technology, Rochester, NY

B.S: Game Design and Development, Minor in Communications, grad. May 2011

Example courses: Game Design and Development, Data Structures and Algorithms, 3-course sequence in Java, 2D Animation, 3D Modeling and Techniques, Computer Animation Algorithms and Techniques

Overall GPA: 3.4 Field of Study GPA: 3.4 (Honors)

PROFESSIONAL EXPERIENCE

MocoSpace, Boston, MA, October 2011 to present, Web Developer

- Developed software and fixed bugs in the company's Java-based webserver and game platform (systems used by each of the site's games)
- Helped to design and develop the company's new Developer Portal.

COLLEGE CO-OPS

Imprivata, Lexington, MA, Summer 2010 and Summer 2011, Software Engineer

- Created various company utilities (ie, making statistics from several MB of zipped log messages), mostly working in C# 4.0 and Ruby
- Worked on multi-code-language samples for a new developer REST API

ImaginEngine, Framingham, MA, Summer 2009, Software Engineer

- Programmed in C++ and Lua for a new Dora the Explorer video game

R.I.T. IT Help Desk, Rochester, NY, 2008-10, Help Desk Representative

Deitel Corporation, Maynard, MA, Summer 2008, IT Intern

- Helped revise and update the programming text book Visual Basic 2005 to 2008