SARAH HERZOG

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Objective

Obtain a game programming position where I can grow and learn, and where I can apply my varied life experiences.

Skills

Languages	C++, Lua, Java, C#,
Tools	Visual Studio, Eclipse, Git, Github, Rally, XNA, DirectX, Havok, Valgrind, Excel, gcc/g++, gdb
Soft Skills	Teamwork, Leadership, Public Speaking, Technical Writing, Agile Development

Experience

7/2011 – 8/2012 | Quality Assurance Intern | Intel, Hillsboro OR

- Provided quality assurance for Flash plugins on Intel devices, resulting in Adobe plugin certification.
- Independently developed tools to streamline the testing process and improve team efficiency.
- Gained skills in scripting, familiarity with Linux and Windows command line operations, agile development processes, and formal documentation writing.

4/2010 – 12/2010 | Lead Addon Developer | www.wow-pro.com

- Led development of a massively popular interface add-on for World of Warcraft, resulting in over 200,000 downloads to date and recommendations throughout the WoW community.
- Coordinated an extensive, globe-spanning team of volunteers.
- Created a simplified language and Lua-based interpreter to allow non-experts to create content.
- Gained skills in leadership and communication, familiarity with git and github, and extensive experience with the Lua scripting language.

Other Work

1/2010 – 9/2010	**Science Instructor**	**Mad Science, Seattle WA**
6/2008 – 12/2008	**Engineering R&D Intern**	**ATI Wah Chang, Albany OR**
9/2007 – 6/2008	**Engineering Education Research**	**OSU Chemical Engineering**
4/2007 – 9/2007	**Facilities Engineering Intern**	**ON Semiconductor, Gresham OR**
7/2006 – 11/2007	**Computer Technician**	**OSU Technology Support Services**

- Made important changes which improved the state of companies I worked for, such as adding a new stage to the production process at Wah Chang, and implementing a piping change saving ON Semiconductor $10,000 yearly.
- Gained experience presenting technical findings to those without technical expertise, troubleshooting, bug-fixing, and customer service.
- Gained familiarity with high responsibility situations, such as handling hazardous chemicals and operating powerful machinery.
- Gained skills in communication, teamwork, public speaking, teaching, and technical writing.

Education

University of Abertay 2014 – MSc Computer Games Technology – *In Progress*

Portland State University 2012 – Advanced Degree Preparation (Computer Science)
Additional Coursework in Visual Design and Music

Oregon State University 2009 – BSc Chemical Engineering
Additional Coursework in Business Law, Marketing, and Entrepreneurship