

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#, JavaScript/HTML5, ActionScript 3

Tools Visual Studio, Eclipse, Git, Github, Unity, XNA, DirectX, Havok, Valgrind, Excel, gcc/g++, gdb

Soft Skills Teamwork, Leadership, Public Speaking, Technical Writing, Agile Development

Experience

07/2011 – 08/2012 | 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.

04/2010 – 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

01/2010 – 09/2010 | Science Instructor | Mad Science, Seattle WA

06/2008 – 12/2008 | Engineering R&D Intern | ATI Wah Chang, Albany OR

09/2007 – 06/2008 | Engineering Education Research | OSU Chemical Engineering

04/2007 – 09/2007 | Facilities Engineering Intern | ON Semiconductor, Gresham OR

07/2006 – 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

Dissertation in the field of artificial intelligence

Portland State University 2012 – Advanced Degree Preparation (Computer Science)

Additional Coursework in Visual Design and Music

Oregon State University 2009 – BSc Chemical Engineering, Cum Laude

Additional Coursework in Business Law, Marketing, and Entrepreneurship