Tyler Wymer

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Education

The Ohio State University **Columbus OH**
Computer Science & Engineering *Graduated June 2010*
GPA: 3.5 - Cum Laude

Qualifications

Programming: Proficient with Ruby (Rails, Sinatra), Python, HTML/CSS; familiar with JavaScript, C/C++, Java, Processing, Lisp/Scheme, C#, OpenGL, Ogre3D.

Systems: Experienced with Linux, OSX and Windows.

Coursework Highlights:
- **High Performance Computing**: Parallel processing and efficient cache usage.
- **Computer Graphics**: Ray tracing, advanced OpenGL, game development, procedural content and game world creation.
- **Data Visualization**: Utilizing technology and human perception to create effective visualizations.

Experience

EdgeCase **Columbus Ohio**
Software Artisan *June 2011–October 2012*
- Refactored JavaScript on a high traffic website; greatly reducing footprint and adding modularity to the codebase.
- Worked on a team developing a new social media management website for a large client using Ruby on Rails.
- Provided clients with code they could be confident in after project handoff by upholding high standards for unit test and integration test coverage.

Pillar Technology **Columbus Ohio**
Agile Apprentice/Consultant *February 2011–June 2011*
- Trained in Ruby doing Test Driven Development using Cucumber and RSpec.
- Developed new features for a legacy Windows Embedded C# application.

HMB, Inc. **Columbus Ohio**
Consultant *July 2010–February 2011*
- Executed design specifications in HTML/CSS/JQuery within a Groovy on Grails environment.
- Designed and developed customizations for clients existing ASP.NET websites.

Senior Project
Advanced Game Design and Development *Spring 2010*
- Worked in a five person team on a 3D game development project which was implemented using C++, the Ogre3D graphics library and 3rd party menu, physics and sound technologies.
- Primary development tasks were opponent AI, UI and menu systems, console input and camera control.

Activities

Teaching and Leadership:
- Teacher for Intro to Programming classes at Girl Develop It, Columbus.
- Founded and co-organized Vim Columbus.
- Co-founded Kent Linux Users Group while at Kent State University.

Community:
- Staying active in the tech community by attending local user groups (Ruby, Game Developers, Software Craftsmanship and others) and several Give Camp events.