

Tyler Wymer

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Education

The Ohio State University
Computer Science & Engineering
GPA: 3.5 - Cum Laude

Columbus OH
Graduated June 2010

Qualifications

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

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

Dimagi, Inc.
Software Engineer

Cambridge Massachusetts
April 2013–Present

- Built new features and improved existing functionality of CommTrack (a mobile last-mile logistics platform) using Python, Django and CouchDB.
- Implemented custom desktop Python scripts for a client that connected our platform with ultrasound machines to assist doctors and technicians as they screen for rheumatic heart disease in Zambia.
- Developed and supported data import tools used to save hundreds of hours of field staff time when uploading historical data, test cases or project configuration data.
- Helped lead workshops and user training sessions for our products in Kenya and Zambia.

New Context (formerly EdgeCase)

Software Artisan

Columbus Ohio
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

Agile Apprentice/Consultant

Columbus Ohio
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.

Consultant

Columbus Ohio
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.

Activities

Teaching and Leadership:

- 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 and several Give Camp events.