

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
2013–Present

- Built new features and improved existing functionality of CommTrack (an open source last-mile logistics platform) using Python, Django and CouchDB.
- Implemented custom desktop Python scripts for a client that connected our web platform with portable ultrasound devices to assist doctors and field technicians as they screen for rheumatic heart disease in Zambia.
- Led developer recruitment efforts and managed the interview process.
- 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.
- Worked closely with field staff and clients in other countries and helped lead workshops and user training sessions for our products in Kenya and Zambia.

New Context (formerly EdgeCase)
Software Artisan

Columbus Ohio
2011–2012

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

HMB, Inc.
Consultant

Columbus Ohio
2010–2011

- 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:

- Taught intro to programming classes with 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 and several Give Camp events.