Dominic Zirbel

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412 204 7462

Skills

- Full-stack Web Engineering
  - HTML, CSS (Compass, LESS), jQuery
  - node.js, PHP (Yii, Zend)
  - SQL (MySQL), NoSQL (MongoDB)
  - Design
- Native Android Development
- Assorted Programming
  - C/C++
  - Linux
  - Git
- Mathematics
  - 2013 ☐ Putnam Score: 10

Experience

- ☐ MetabolismFun - Solo Full-stack Web Engineering
  - An online, educational game created to teach cellular metabolism at a university level.
  - The idea was formulated by Dr. Neocles Leontis; I developed the entire application for use in his class.
  - Skills involved: Yii, jQuery, Compass, MySQL
- ☐ Personal Robotics - Intern; Android Development
  - My first experience in a professional software development environment.
  - I designed an Android application for in-house use that simplified normally difficult tasks such as adjusting a motor position, displaying sensor output, or sending a direct command.
  - Skills involved: Android Development, ROS
- ☐ Agile Oasis Technologies - Intern; General Web Development
  - My first experience with web development.
  - I worked on a number of projects, generally designing frontend pages for contracted websites.
  - Skills involved: Yii, Zend, jQuery, Compass, MySQL
- ☐ Game of Life - Independent Project
  - A simulation of Conway's Game of Life, developed in Java to run on a desktop computer.
  - A game as much as a tool, the program allows users to work on an infinite grid, place predefined patterns, and watch cells evolve over time.
  - Skills involved: Java

Education

- ☐ Carnegie Mellon University
- ☐ Bowling Green State University
- ☐ Saint John's Jesuit High School

2015

2014

2013

2012

2011

2010