

# Cory Gagliardi

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## Education

### Computer Science, Bachelor of Science

Russ College of Engineering and Technology, Ohio University, Athens, OH

GPA: 3.5/4.0, Computer Science GPA: 3.7/4.0

Anticipated Graduation, June 2009

## Professional Experience

### Self Employed Web Developer Mar. 03 - Present

Work directly with clients and organizations to create from scratch, database driven web sites using PHP and Ruby on Rails that incorporate interactive interfaces through JavaScript and the MooTools JavaScript Toolkit

#### InterActivist Magazine Aug. 08 - Present

- Collaborate with designers and content managers of magazine to satisfy needs of entire organization
- Produce fully web controlled content management system
- Develop highly object oriented server side code
- Automate testing of classes utilizing the Rails testing infrastructure

Technologies Used: Ruby on Rails, JavaScript, MooTools, Prototype

#### Bonnett Run Basketry May 08 - July 08

- Developed user friendly, fully customizable catalog and class calendar from scratch using Ruby on Rails
- Integrated catalog with Google Checkout

Technologies Used: Ruby on Rails

#### BonitaNaplesRealEstate.com June 06 - July 08

- Consulted with client on several occasions, brainstorming unique real estate searching and browsing tools
- Constructed application to download and parse housing information and images from RETS feed into a MySQL database
- Designed highly powerful, user friendly MySQL based search tool
- Redesigned and re-coded site, summer of 2007, increasing usability and implementing several new features
- Developed unique directory of 300+ communities, quickly filterable through JavaScript

Technologies Used: PHP, JavaScript, XML Parsing, Internet Socket Requests, MySQL, MooTools, AJAX

#### Ohio University Sierra Student Coalition Dec. 07 - May 08

- Organized meeting with organization to brainstorm ideas
- Created complex contacts management service, utilizing XLS import/export
- Developed AJAX intensive, object-oriented calendar for event and meeting details
- Created powerful member and volunteer contact managing tool
- Designed and implemented custom photo album application

Technologies Used: PHP, JavaScript, MySQL, MooTools, XLS Importing/Exporting

### Page One Web Solutions Feb. 03 - Apr. 08

#### Web Programmer

- Collaborated with designers, programmers, and sales associates to create website and print advertisements
- Consulted directly with clients to provide custom catalogs and content management systems
- Designed and implemented a portable content management system using JavaScript and PHP
- Collaborated with a small team to create Page One Tracking, a web traffic tracking application, currently supporting 500+ websites
- Instructed classes on table-less CSS and PHP development via conference calls

## Related Courses

Algorithm Design & Analysis  
Operating Systems & Computer Architecture  
Software Engineering & J2EE Development  
Advanced Object Oriented Design & GUI Techniques  
Parallel Computing  
Database Systems

## Extracurricular Achievements

### Ohio University Sierra Student Coalition

Cofounder and current Technology Coordinator

- Increased membership from 0 to 90 members
- Coordinated the planning and implementation of 3 large scale events
- Developed group website to suit needs of entire organization
- Plan and supervise weekly meetings
- Attended SPROG, a week long training on group management and campaign planning

### Ohio University Robocup Team

Programmer

- Designed and implemented advanced scoring algorithm for automated soccer playing robots
- Implemented python based Wiki and source code browsing application

### Association for Computed Machinery

Represented Ohio University in 2007 regional ACM programming competition in Cincinnati, OH

## Technical Skills

### Languages

C/C++  
Java  
Ruby  
PHP  
JavaScript  
Visual Basic  
Scheme  
C<sup>n</sup>  
UNIX Shell Scripting

### Software

Windows  
Mac OS  
Unix / Linux  
Netbeans  
Adobe Photoshop  
Adobe Illustrator  
Adobe Dreamweaver  
Microsoft Office

### APIs and Toolkits

Ruby on Rails  
J2EE  
MooTools  
Prototype  
OpenGL  
C++ STL

### Markup Languages

HTML  
CSS  
XML  
YAML

### Databases

Oracle  
MySQL