

Areas of Expertise

Web Development: Constructed websites and web applications in PHP and Ruby on Rails. Experienced with design cleanup and collaboration, implementation using HTML, CSS, and Javascript, ORM integration and custom query creation using Postgres and MySQL, and server configuration / deployment (apache, thrift etc.). Have brief, for-fun experience with Node.js, AppEngine, and Django.

Software Engineering: Created desktop and server applications using Java and C/C++. Academic experience includes coursework in MIPS Assembly, vertex shader development for GPUs, and Basic.

Digital Media Production: Experienced in producing music and video using MaxMSP, Fireworks, Photoshop, ProTools, Final Cut, Reason, Ableton Live, and Peak.

Other Stuff: Really into rock climbing, bicycle tuning, live music watching, and following economics blogs.

Professional Experience

Zynga: Senior Software Engineer (UX, Server) San Francisco, CA May 2009 to present

Worked as the main developer for Zynga's first destination site, YoVille.com. Created and designed major features and added content in the LAMP stack to the site that drove usage from 10,000 to 300,000 daily active users making it one of the biggest FB Connect sites on the web. Subsequently worked on Zynga destination sites and cross-game API's including Zynga Social Center (messaging/gifting system).

Currently rapidly building HTML client features for Words with Friends as well as building cross-client services for the Rails / PHP server while maintaining a dialog with PM's and designers.

Public Display: Software Engineer Providence, RI January 2009 to May 2009

Worked as web application developer and system administrator for web startup.

Designed and implemented features for Ruby on rails product listing site for environmentally-friendly building materials (GreenFormat), including various administration interfaces, an on-site user forum, and user help.

Configured new network after office move, diagnosed various network issues.

Go Vote Absentee: Lead Engineer New York, NY June to November 2008

Created a website (in preparation for 2008 election) that facilitated the acquisition of absentee ballots in all 50 states by compiling districts, zip codes, and state request forms. Application enabled the web developer to type in his or her zip code and receive a printable form, along with the appropriate mailing address of the county clerk. Users were able to stay informed of upcoming elections through email.

Created a sophisticated administrative interface to facilitate data entry and viewing. Interface was created from scratch using PHP, Javascript, and MySQL. Administrators could quickly manage (CRUD) states and districts.

Brown University: Teaching Assistant Providence, RI Fall 2006

Ran weekly lab to help students through assignments. Graded assignments, wrote and administered weekly in-class quiz, and helped write and grad exams. Course covered programming in C, PHP, SQL, and advanced usage of standard office applications.

West Coast Asset Management: Analyst / Intern Ventura, CA Summers 2004 to 2006

As Analyst, researched firms through SEC filings (income statements, balance sheets, and cash flow statements) for possible buy / sell recommendations. Wrote reports that included a one-page table of consolidated financial data and a written essay.

Education

Brown University Providence, RI Graduated 2008

Bachelor of Arts in Computer Science. Coursework included Graphics, Computational Complexity, and Advanced Algorithms. Studied abroad at the University of Bologna. Gained fluency in Italian.

Created and maintained website for *The Critical Review*, Brown's course review magazine, using PHP, Postgres, and Javascript. Served as radio technician and web technician for Brown Student and Community Radio (MVP 2008). Responsibilities included studio repairs (involving wiring and soldering) as well as web infrastructure maintenance, configuring email lists, etc.