

Work Experience

CTO and founder, Feb 2011 – Jan 2012
SoWink Inc, <http://sowink.com>

- Fast-changing environment, direct involvement with every aspect of running a company
- Devise product vision, company culture and priorities with founding team
- Lead a team of 5 developers in line with product vision and priorities
- Mentor team closely, weekly 1:1 private meetings and weekly workshops
- Managerial focus on employee growth, productivity and an open, enthusiastic culture
- Technical focus on maintainability, readability, scalability, performance

Web Developer, Jun 2008 – Apr 2011
Mozilla Corporation, <http://www.mozilla.com>

- Part of WebDev team since early stages, team has doubled in size during my period here
- Focus on <http://support.mozilla.com> (SUMO), serving 30M+ unique visitors monthly
- Rewrite of support site in Django, assisted by just 1 other developer
- Extensive front-end and back-end experience, multiple web servers, database replication
- Code reviews, peer programming, test-driven development, continuous integration, etc.

Student Assistant, Website Administrator and Developer, Aug 2007 – Jan 2011
San Jose Math Circle, <http://sanjosemathcircle.org>

- Create and maintain website using Drupal, holding weekly class for 30+ students
- Manage logistics: enroll students, interact with parents, update site, announcements

Website Administrator and Developer,
AwesomeMath, <http://awesomemath.org>
EM2 Outsourcing, <http://em2-outsourcing.com>
QuoteDen, <http://quoteden.net>
Coyote Creek Youth Sports, <http://ccys.com>

Skills

Languages: Python, PHP, JavaScript, SQL, Java, C++, HTML5, CSS3, RSS/XML, UML, Matlab, LaTeX
Software/Services: Django, git, vim, Drupal, Apache, Nginx, Eclipse, UNIX, Amazon Web Services

Education

B.S. degree in Computer Science, Jun 2010
San Jose State University/UC Santa Cruz, CA, USA - GPA: 3.8/4.0

- *Relevant Coursework:* Operating Systems, Algorithm Design, Compilers; Computational Models; Data Structures and Algorithms; Database Systems; Matlab; Assembly Language; Computer Systems; Computer Architecture; Graphs Trees, Networks
- *Awards:* Dean's Scholar honors award; Computer Science Scholarship for academic achievements

Research

NASA Sponsored Research Project, SJSU, Jan – May 2008

- Team leader of a group of five; coordinate meetings, discussions, code writing
- Develop model in Matlab using algorithms on graphs and large scale computation
- Present results to NASA sponsors, SJSU faculty and prospective sponsors
- Publish paper at http://www.math.sjsu.edu/camcos/projects/proj_082/proj_082.htm

Presentations

"Causal Sets and Quantum Gravity", Northern California Undergraduate Mathematics Conference (NO-CALUMC), April 19, 2008, Sonoma, CA. <http://www.sonoma.edu/math/nocalumc/>
"Neural Networks", NOCALUMC, April 21, 2007, Sonoma, CA.