

VINCENT SIAO

Current

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Permanent

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EDUCATION

→ *Carnegie Mellon University*

B.S. Computer Science

Expected Graduation: May 2014

GPA: 3.63 Major GPA: 4.0

Dean's List (Spring 2011 - Fall 2011)

SKILLS

- Passionate about building projects which benefit the community
- Excited to learn, solve problems, and pass on knowledge
- Obsessed with design and usability from a user's perspective
- Quick to adapt to and use new tools and environments

RELATED COURSEWORK

15-251 Great Theoretical Ideas in Computer Science

15-210 Parallel & Sequential Data Structures & Algorithms

15-213 Computer Systems

15-396 Science of the Web

15-410 Operating Systems

15-359 Probability and Computing

85-211 Cognitive Psychology

LEAD DEVELOPER & PRODUCT DESIGNER

schedule+ Jul 2011 - Present

- Designed and developed a schedule-sharing application for Carnegie Mellon students (scheduleplus.org)
- Refactored codebase and preparing to relaunch in 2012 with support for schedule creation and textbook exchange
- Learned Ruby on Rails and facebook API for the first time; mostly self-taught using webcasts and online docs
- Designed an intuitive AJAX-enabled user interface written in jQuery and javascript with dynamic conflict resizing

TEACHING ASSISTANT - Carnegie Mellon University

Parallel and Sequential Data Structures and Algorithms Jan 2012

- Teach weekly recitations and write homeworks for a parallel data structures and algorithms course in SML

Principles of Functional Programming Aug 2011 - Dec 2011

- Developed homeworks, supervised labs, and held office hours for an introductory course to SML
- Used subversion as an assignment repository

PROGRAMMING

Current Ruby on Rails, jQuery, HTML/CSS, SML, C++, C

Previous PHP, Java, Python

SOFTWARE

UNIX, LaTeX, git, svn, vim
photoshop, illustrator, indesign

DESIGNER & APPLICATION DEVELOPER

ACM@CMU Sep 2010 - Present

- Developed a bolder visual identity for Carnegie Mellon's chapter of the Association for Computing Machinery
- Worked closely with other ACM@CMU members to build web applications to benefit the CMU community
- Designed the triweekly periodical, ACM Communications, and promotional posters for company events

LOGO & WEB BRANDING

Hilling Technologies, LLC Dec 2010 - Feb 2011

- Developed a brand and company website for a newly-formed Pittsburgh tech startup for web-based technologies