

Edwin Shao

eshao@eshao.es

3826 T Street NW
Washington, DC 20007
917.463.9978

Extensive leadership experience;
One-man programming team;
Passionate, gets things done.

PROGRAMMING LANGUAGES

Ruby	SML/OCaml
Python	Lisp
Perl	Java/C/ASM
PHP	LaTeX
XSLT	C/x86 ASM

WEB TECHNOLOGIES

HTML	Rails
CSS	Sinatra
SQL	Haml/Sass
CouchDB	JavaScript
Photoshop	InDesign

SYSTEMS ADMINISTRATION

Windows	Puppet
Mac OS X	Bash
Linux (Arch)	SVN/P4/GIT
FreeBSD	nginx/thttpd

* indicates frequent usage.

HIGHLIGHTED COURSEWORK

- Operating System Design
- Programming Language Design
- Natural Language Processing
- Marketing, Regression (TA'd)
- Microeconomics (TA'd)
- Information Systems
{Management, Apps} (TA'd)
- Business Communications
(won semester competition)

READING and WRITING

- [annotalia.com](#) Public CMS to demonstrate my custom-made Etherpad-integrated backend.
- [librarything.com/catalog/Poleris](#) ~300 books and linked reviews.

FEATURED WEBSITES

- [wishlist.dsoglobal.org](#) Rails job site backed by Sphinx with 87 volunteers, 69 providers, 152 opportunities.
- [graphafrica.com](#) JS-heavy (jQuery) infographics with wiki CMS. Funded as undergraduate research (SURG).
- [kamipad.com](#) Portable PHP/SQLite notepad with labels, search, backups, off-line usage, keyboard nav.

EDUCATION

Carnegie Mellon University · Pittsburgh, PA Aug. 2005 - June 2009
Bachelor of Science in Business Administration
Additional Major in Computer Science
GPA: 3.64 / 4.00

Phillips Exeter Academy · Exeter, NH Sept. 2001 - June 2005
SAT I: 800 Math, 740 Verbal · SAT II: 800 Writing, 780 Literature

EXPERIENCE

Yahoo! · Sunnyvale, CA May 2008 - Aug. 2008

FRONTDOORS TECHNICAL INTERN

- Launched iPhone, Blueprint applications for Y! Buzz. ~10,000 PVs/month.
- Marketed and implemented My Y! module for Y! Buzz. ~1,000s of installs.
- Researched and wrote report on bandwidth-saving techniques for front page.

Google · Mountain View, CA May 2007 - Aug. 2007

ASSOCIATE TECHNOLOGY MANAGER INTERN

- Project-managed process-improvement tool and team. ~1,600 hrs saved/year.
- Gave product and technical talks to diverse audiences. 30+ attendees each.
- Coded product demos, data analysis scripts, and other partner deliverables.
- Documented specifications and technical architecture for two projects.

Smart Futures · Pittsburgh, PA May 2006 - Aug. 2006

WEB APPLICATION DEVELOPMENT INTERN

- Product-managed overhaul of application responsible for core revenue stream. Discovered usability requirements. Applied forward-looking coding methods.
- Produced three dynamic websites from barebones specifications.

ACTIVITIES

Development Solutions Organization · Doha, Qatar May 2008 - Dec. 2009

FOUNDER and PRESIDENT

- Led vision for student-run global development org. 2 countries.
- Set HR policy to attract and reward passion, led 60+ employees, individual weekly coaching sessions for managers. each @6+ hrs/week.
- Brokered funding on behalf of DSO and partners. 30,000+ USD.
- Enforced culture cited for leadership, work ethic. Accomplishments: CRM system used for external consulting. 600+ entries. Event series featuring partners ranging from Yahoo! 16 events, 30-80 attendees each. and TechBridgeWorld to WorldTeach and PeaceCorps. Low cost calling project for migrant workers in Qatar. ~100s of calls made. Website development including PR, job posting, research.

Undergraduate Consulting Club · Pittsburgh, PA Aug. 2007 - May 2008

DIRECTOR OF TECHNICAL CONSULTING

- Proactively contacted McKinsey to create introductory series of case workshops. (PSIS) ~50 participants, still active.
- Organized events to promote consulting within unreachd technical side of campus. McKinsey BTO Pres., Deloitte Case Comp.

OPEN SOURCE PROJECTS

- [github.com/eshao/stationx](#) Declarative tool that generates and maintains nginx configuration files.
- [github.com/eshao/puppet](#) Puppet modules to showcase macros/constructs used to reduce complexity.
- [labsproject.org](#) Backup software for huge datasets. (Core developer, assistant architect, web designer roles.)