

Edwin Shao

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

PROGRAMMING LANGUAGES

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

WEB TECHNOLOGIES

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

SYSTEMS ADMINISTRATION

FreeBSD/Jails · Puppet ·
Linux (Arch) · Bash ·
Windows · SVN/P4/GIT ·
Mac OS X · nginx/thttpd ·
Cloud/EC2 · munin/monit

· 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

Booz Allen Hamilton · Washington, DC Feb. 2010 - Present

DIPLOMACY AND INTL. DEVELOPMENT CONSULTANT

- Directed deliverables for \$6bn stimulus pre-legislation. 9 IT/compliance decks.
- Spearheaded and counseled thought leadership initiatives on crowd-sourced knowledge management, prediction markets, real-time collaborative editing.

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, each @6+ hrs/week.
- Brokered funding on behalf of DSO and partners. 30,000+ USD.

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

DIRECTOR OF TECHNOLOGY 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.)