

Samuel Evan Sandberg

US Citizen - New York, NY, USA

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OBJECTIVE

To apply my Masters of Computer Science degree towards a job and/or independent contracting work in a related field.

EDUCATION

The George Washington University, Washington, DC Fall 2007–Spring 2008

School of Engineering and Applied Science

Computer Science (Masters of Science) GPA: 3.88/4.00

The George Washington University, Washington, DC Fall 2003–Spring 2007

School of Engineering and Applied Science

Computer Science (Bachelor of Science) GPA: 3.61/4.00

Denmark International Study Program, Copenhagen, Denmark Spring 2006

Humanities and Social Sciences Program

EXPERIENCE

The Orchard, www.theorchard.com, New York, NY June 2010-Present

Senior Web Developer

- Wrote social integrations software for interacting with Facebook, Twitter, and MySpace via API calls.
- Implemented system logging using PHP/MySQL via WMI calls to profile encoding/delivery machines.
- Optimized overall music and video encoding/delivery workflow, and “Zendified” the architecture.

Kargo, www.kargo.com, New York, NY Summer 2007-June 2010

Software Developer

- Generally, developed backend platform software to support large-scale frontend mobile web applications, working mostly in PHP using the Zend Framework and MySQL databases in a FreeBSD environment. More specifically...
- Developed Statistics Web Suite with front-facing graphs and charts for profiling Kargo’s mobile traffic and user base.
- Developed custom Digital Asset Management (DAM) System as a large-scale and dynamic logical storage solution.
- Developed Device Profiling System to manage and profile thousands of mobile devices.
- Acting DBA – In charge of several pools of MySQL databases, setting up replication, optimizing indices and queries, etc.
- Client list includes Consumer Reports, Us Weekly, Motortrend, Star Magazine, Blackbook, Travel Channel, and many more.

getDevelopment LLC, Washington, DC 2005-2008

President and Web Developer

- Started this web development company with two student peers to foster our web programming and earn some side money.
- Created PHP/MySQL solutions for clients, often implementing custom Content Management Systems to suit their needs.
- Created our own product, GreekGroups, a custom social networking site for fraternities and sororities to stay organized.

The George Washington University, Washington, DC Fall 2007-Spring 2008

Teaching Assistant

- Taught two labs a week for a course on Computer Architecture, and then one a week on Intro to Java Programming.
- Graded lab assignments, homeworks, and projects, and mentored students one-on-one during lab and office hours.

SKILLS

- Concepts: OOP, Design Patterns, SOA, APIs, Frameworks, ORM, Version Control, Relational DBs, NoSQL DBs
- Languages: PHP, Zend Framework, Doctrine ORM, MySQL, Oracle, MongoDB, JavaScript, JQuery, AJAX, HTML, XHTML, XML, JSON, UML, Android, Java, C, C++, TLA, LC3, MIPS Assembly, English, Spanish, rudimentary Danish, some French.
- Applications: Web, Mobile Web, Google Android Apps, Twitter Bots, Facebook Apps, Apple Widgets.
- Environments: OSX, Linux, FreeBSD, Windows; Version Control: SVN, Mercurial; Web Servers: Apache, Nginx, Tomcat.

EXTRACURRICULAR

- Interests: The Beach, Foreign Cultures, Languages, Le Tour de France, Music, Pesto, Piano, Skateboarding, Thanksgiving.
- Associations: NY Google Android Developers, NY Tech Meetup, NYPHP, NYC Zend Framework Meetup, NYC MySQL Meetup, NY Virtualization Meetup, NYC Cloud Computing, ACM (Placed 2nd in 2006 ACM Mid-Atlantic USA Programming Contest).
- Affiliations: National Society of Collegiate Scholars, Maine Special Olympics.
- Fraternity: Sigma Alpha Mu, Philanthropy Chair: Raised money for Pediatric AIDS, Alzheimer’s, and Hurricane Katrina relief.