

Samuel Selikoff

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SUMMARY

Technologies

- ▶ D3.js, Backbone.js, Ember.js, jQuery, HTML5, CSS3, AJAX, JSON API, Twitter Bootstrap, Symfony, Silex, Dojo, MySQL, Git, Tortoise SVN, Apache, Windows, Linux

Languages

- ▶ JavaScript (1 year)
- ▶ PHP (1 year)
- ▶ Perl (1 year)

Techniques

- ▶ Object-oriented design
- ▶ Test-driven development

WORK EXPERIENCE

Programmer, system admin *Intex Solutions, Needham, MA*

September 2012 - Present

Full-stack design and development of custom internal web applications

- ▶ Pioneered and created a wiki used to share company knowledge and documentation (symfony, mysql)
- ▶ Built data visualizations to monitor fileserver load, web server speeds, data processing and more (d3, backbone, jquery, mysql)
- ▶ Created client surveys and displayed the results in a dynamic report (d3, jquery, mysql)
- ▶ Created a site to organize client contracts, reconcile data inconsistencies, and summarize monthly financial data (symfony, ember, d3, mysql)
- ▶ Built a reporting site to show customized dashboards of historical data processing rates, JIRA development tickets and more (d3, ember, mysql)
- ▶ Created a system used company-wide to guide development of main product (jquery, json api, perl)

Development, maintenance, and scheduling of Perl scripts for automation and notification

- ▶ Monitored web server and database server performance and integrity, internal data processing, and client application use and bottlenecks
- ▶ Alerted team to errors in data processing and other critical operations
- ▶ Automated client emails in response to triggers, including custom searches and expiring licenses
- ▶ Scheduled nightly downloads from various third-party data providers
- ▶ Automated the maintenance of modules, configuration settings, and other files across internal servers

Maintenance of internal file, database, and web server infrastructure

- ▶ Designed, managed and optimized MySQL databases used internally and externally
- ▶ Maintained complex database arrangement with multiple levels of redundancy, slaving and backup
- ▶ Various tasks on Linux web servers, including installing and updating PHP/Perl source and modules, and maintaining Apache

Analyst *Cornerstone Research, Boston, MA*

January 2012 - August 2012

- ▶ Supported companies in litigation involving complex financial and economic issues
- ▶ Wrote programs to import, manipulate and display queried data using SAS / MySQL
- ▶ Created VBA macro for Excel that incorporated JavaScript and HTML to automatically import PHP-requested data from a website to a spreadsheet
- ▶ Created a dynamic, interactive Excel worksheet using VBA to automate a routine data request
- ▶ Created a VBA macro for Excel to automate standard chart formatting
- ▶ Co-formed 'Innovation Committee' to organize and maintain a firm-wide repository of useful macros, code snippets and functions
- ▶ Drafted and edited expert reports used in corporate litigation

ENTREPRENEURIAL EXPERIENCE	Co-Founder/CEO <i>Streable LLC, Boulder, CO</i> June 2011 - September 2011 <ul style="list-style-type: none"> ▶ Raised \$7,000 for preliminary development of an innovative online commenting system ▶ Created a recruiting video successfully used to hire two software developers ▶ Wrote a business plan to guide company
	Co-Founder/CEO <i>Gator Tutoring LLC, Gainesville, FL</i> June 2008 - May 2010 <ul style="list-style-type: none"> ▶ Formed online tutoring company serving University of Florida business students ▶ Learned Adobe After Effects, Illustrator and Photoshop to enhance quality of tutoring content ▶ Earned over \$20,000 in revenue from sale of online products ▶ Developed, produced and sold over 250 videos and hundreds of pages of notes for six classes ▶ Approached by economics professor to use company's written materials in class ▶ Pioneered innovative low-cost software technique to produce videos more efficiently
EDUCATION	Boston College <i>Chestnut Hill, MA</i> December 2011 M.A. in Economics <ul style="list-style-type: none"> ▶ GPA 3.75/4.0, graduate stipend, research assistantship
	University of Florida <i>Gainesville, FL</i> May 2009 B.S. in Business Administration, Finance <ul style="list-style-type: none"> ▶ GPA 3.90/4.0, Magna Cum Laude, Minor in Chinese, Dean's List, President's List
OTHER	Teaching, public speaking <ul style="list-style-type: none"> ▶ Taught live GRE/GMAT prep courses through Kaplan ▶ Extensive TA and tutoring experience from undergraduate/graduate school, Gator Tutoring
	Design <ul style="list-style-type: none"> ▶ Adobe Illustrator, After Effects, Photoshop