Martin Samuel Jelin

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Education

Carnegie Mellon
School of Computer Science
Class of 2013
Majors:
  Computer Science, Mathematics
GPA: 3.06

Notable Classes:
- 15-410 Operating Systems
- 15-385 Computer Vision
- 15-451 Algorithms
- 21-701 Discrete Mathematics
- 21-484 Graph Theory

Technical Skills

I've used the following technologies & concepts (ranked by experience):

A HTML/CSS, JavaScript, jQuery, Java, C, Bash, git, Dynamic Programming, Data Structures, Graph Theory

B Python, Ruby, Objective-C, Perl, C++, Servlet API, Google App Engine, GDB, Number Theory

C Backbone, AngularJS, Node.js, C#, PHP, Assembly, Machine Learning, Computer Vision, Cryptography

Other Skills

I have been learning UI design. This resume itself was a small exercise in responsive design (web version on my GitHub). Checking out my startup work for more examples (see **Entrepreneurship**).

I also have a strong discrete math background, plenty of practice talking to customers, and some leadership experience.

Entrepreneurship

(May 2013 —)

- Developed an app which allows customers at restaurants to pay their bills on their smartphones
- Talked extensively with restaurant owners and patrons, adjusting the product based on their feedback
- Ran the app live at a restaurant, adjusting based on customer responses and resulting in metrics 50x better than the competition
- Splash Page: getthecheck.com
- Metrics/Demo: getthecheck.com/info.html
- Code: github.com/Check-Please/cx

Microsoft Internship

(Summer 2011)

- Worked with the Office Shared Services team
- Helped build the sign-in screen in Office 365
- Developed a tool for automatic data collection in the back end of Office 365

Cisco Internship

(Summer 2010)

- Worked with the Cisco CRS Multi-Chassis debugging team
- Worked on a website for executing debugging commands, displaying debugging information, and searching a database of bug reports

Teaching Assistant (part time)

(Fall 2010, Fall 2011)

- Taught recitation for two classes (basic 3D calculus and introductory discrete mathematics), held office hours and graded for three classes (the previous two and a class on combinatorics)

Data Coder - CMU's CASOS (part time)

(Fall 2009 — Summer 2010)

- Helped develop software for the analysis of textual social networks
- Worked closely with post-doc Judith Gelernter in the development of her georeferencing algorithm for news articles

Fluid.js (personal project)

(Spring 2014 —)

- A JavaScript MVC designed to be lightweight and similar to Backbone.js in usage, but allow for CSS transitions to be incorporated more easily
- Git Repo: github.com/sjelin/FluidJS