

# Martin Samuel Jelin

sjelin@gmail.com

github.com/sjelin

(310) 880-4668

## 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 worked with the following  
technologies/concepts:

- |          |   |
|----------|---|
| <b>A</b> | HTML/CSS, JavaScript,<br>jQuery, Java, C, Bash, git,<br>Dynamic Programming, Data<br>Structures, Graph Theory |
| <b>B</b> | Perl, Ruby, Python,<br>Objective-C, C++, Servlet API,<br>Google App Engine, GDB,<br>Number Theory             |
| <b>C</b> | Backbone, AngularJS,<br>Node.js, C#, PHP, Assembly,<br>Machine Learning, Computer<br>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](http://getthecheck.com)
- Metrics/Demo: [getthecheck.com/info.html](http://getthecheck.com/info.html)
- Code: [github.com/Check-Please/cx](https://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](https://github.com/sjelin/FluidJS)