

# Martin Samuel Jelin

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github.com/sjelin

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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

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, Angular JS,  
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](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)