

Martin Samuel Jelin

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Google

(October 2014 – June 2017)

- Primarily worked on Protractor, an integration testing framework for web applications.
 - Created Protractor's plugin API.
 - Restructured much of the codebase to support ES6 promises and future webdriver versions.
 - Redesigned the bootstrapping logic to reduce flakiness and improve usability.
 - Added basic support for mobile browsers.
 - Added support for ngUpgrade apps.
 - Much more. View the codebase on GitHub: github.com/angular/protractor
- Ran Google's internal process for upgrading over 600 karma tests from jasmine 1.3 to jasmine 2.0.
- Briefly worked on integration testing for Double Click Bid Manager.

Entrepreneurship

(May 2013 – September 2014)

- 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 3D calculus and introductory discrete mathematics.
- Held office hours and graded for 3D calc, discrete math, and combinatorics.

Data Coder - CMU's CASOS (part time)

(Fall 2009 – Summer 2010)

- Helped develop software for the analysis of textual social networks.
- Helped Judith Gelernter to develop a georeferencing algorithm for news.

Skills

Ranked by experience:

A JavaScript, TypeScript, Node.js, HTML/CSS, git, Java, Angular & Protractor

B Web Design, C, Python, jQuery, Bash, Servlet API, Dynamic Programming, Data Structures, Graph Theory, Number Theory

C Perl, Ruby, Objective-C, C++, C#, PHP, Backbone, Google App Engine, GDB, Assembly, Machine Learning, Computer Vision

Education

Carnegie Mellon
School of Computer
Science
Class of 2013

Majors:

Computer Science,
Mathematics

GPA: 3.06

Notable Classes:

- Operating Systems
- Computer Vision
- Algorithms
- Discrete Mathematics
- Graph Theory

Other

I have been learning UI design. Checking out my startup work for more examples (see [Entrepreneurship](#)).

I also have a strong discrete math background and some leadership experience.