

# Michael Z. Lai

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An open-minded, energetic, full-stack web developer who flourishes in a team environment. As a curious explorer, I offer a detail-oriented and multi-lateral mindset to challenge the existing framework and drive innovation.

## RELEVANT EXPERIENCE

### General Assembly — Washington, DC

*Web Development Immersive Student*

SEPTEMBER 2016 - PRESENT

- Built fluency in full-stack web development by completing an intensive three-month program focused on delivering best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven development.
- Developed four capstone projects over the 12 week program, including an interactive photo map app built in Angular.js with a Node backend, a restaurant generator utilizing mapbox and yelp APIs built in Angular.js with a Ruby on Rails backend, a fitness tracker app built with Ruby on Rails and a hangman game constructed in JavaScript.

### IBM — Washington, DC

*Senior Consultant*

MARCH 2013 - SEPTEMBER 2016

- Served as the API Lead in managing development and functional tasks regarding GSA's SAM API. Since the API's inception on December 2014, 7 iterative versions have been deployed and maintained.
- Assisted a tiger team assessing GSA's Sam.gov accessibility compliance with Section 508 of the Rehabilitation Act, primarily serving as the 508 compliance SME focused on users who rely on assistive technology.
- As the Testing Team Database SME, utilized SQLdeveloper to create dummy data when implementing enhancements, resolving defects, and correcting maintenance issues within Agile and Waterfall methodologies.

### Credit Suisse — Raleigh, NC

*IT Production Services Intern*

MAY 2012 - AUGUST 2012

- Assisted a Lean Six Sigma Greenbelt project that improved data quality within the ticket monitoring system. Identified an opportunity to improve correlation and mapping of data sets and developed a VBA macro to expedite the process. Benefits include a decreased error rate and a savings of 15 minutes per instance.

### B/E Aerospace — Winston-Salem, NC

*Product Support Intern*

MAY 2010 - JULY 2010

- Performed static and dynamic testing of seat products to verify maximum failure stress levels and confirmed measurements of products on Uni-Graphics. This provided confidence about the dimensions and allowances of the product before production.

## SKILLS

### Front End Development

Javascript/jQuery, Angular.js, React.js, Vue.js, Canvas, D3.js, API/AJAX, HTML5/CSS3

### Back End Development

Rails, Ruby, Sinatra, Express.js, Node.js

### Databases

PostgreSQL, MySQL, MongoDB

## PROJECTS

### SnapMap

*Front End:* Angular.js

*Back End:* Node.js

*Database:* MongoDB

### Feed Me

*Front End:* Angular.js

*Back End:* Ruby on Rails

*Database:* PostgreSQL

### WODLeader

*Front End:* Ruby on Rails

*Back End:* Ruby on Rails

*Database:* PostgreSQL

### 2 Person Hangman

*Front End:* Javascript

## EDUCATION

### General Assembly

DECEMBER 2016

Web Development  
Immersive Student

### North Carolina State University

DECEMBER 2012

B.S. of Industrial  
Engineering - minor in  
Statistics

## AWARDS/CERTIFICATIONS

### Geocent Hackathon

SEPTEMBER 2016

1st Place

### Lean Six Sigma Yellowbelt