

# Richard Huang

5032 Forbes Avenue, SMC 3792 Pittsburgh, PA 15289

(201) 281-6121 • [rahuang@andrew.cmu.edu](mailto:rahuang@andrew.cmu.edu)

[rick-huang.com](http://rick-huang.com) • [linkedin.com/in/richardrickhuang](https://www.linkedin.com/in/richardrickhuang)

## Education

### Carnegie Mellon University

Bachelor of Science in Information Systems, Minors in Computer Science and Business Administration

Pittsburgh, PA

May 2018

- GPA: 3.80

## Certifications/Skills

- **Frameworks:** Ruby on Rails, Django, Jersey/Guice, Angular, Backbone, Selenium, Mocha/Jasmine, Pytest, RSpec, QlikView
- **Languages:** Java, Python, Ruby, SQL(MySQL, PostgreSQL), JavaScript/CoffeeScript, CSS, HTML, C, PERL
- **Certifications:** Cisco CCNA Networking for Home and Small Business 4.0, Cisco IT Essentials-PC Hardware and Software

## Relevant Experience

### Two Sigma Investments

New York, NY

Software Engineering/Product Managing Intern

May 2016 – Present

- Worked on the Collaboration, Usability, and Engineering team building the interview scheduling optimizer tool.
- Developed end to end solution for recruiting by tackling problems with automation, interview distribution, and feedback.

### University of Pittsburgh Medical Center (UPMC)

Pittsburgh, PA

Data Governance Consultant

Nov. 2015 – Jan. 2017

- Designed a normalized and generalized structure (ERD) for modelling the data within UPMC and their services.
- Developed full stack web application using Ruby on Rails to help govern and manage medical data.
- Built data analytics and visualization dashboards using D3 to find pain points and do impact analysis.

### Kyruus

Boston, MA

Software Engineering Intern

May 2015 – Aug. 2015

- Built patient doctor booking system with Backbone, Cofeescript, and Gulp.
- Developed new features for the main patient doctor search engine, with Ruby on Rails and Node modules.
- Created complete testing suite using Selenium, Pytest, RSpec, Sinon/Jasmine.

### Morgan Stanley

New York, NY

Data Analyst Intern

Sept. 2013 – Aug. 2014

- Worked on maintaining and updating the Teradata and Greenplum databases and data warehouses.
- Created dynamic data visualization web-tools using JavaScript, jQuery, D3, PERL, HTML, and CSS.

### SongDrop.me

Pittsburgh, PA

Chief Technology Officer

Feb. 2015 – Jan. 2016

- Co-founded a startup in the Project Olympus incubator that promotes lesser known song artists and their work.

## Extracurricular Activities

### Carnegie Mellon University – Head TA

Jan. 2016 – Present

- Developed curriculum for two core Information System courses teaching Django, React, ERD's, and case studies.

### ENACTUS – Citizen's Empowerment, Project Leader

Sept. 2015 – Sept. 2016

- Organized and taught professional technical courses at Veterans Leadership Program.

### ArduSat Satellite and High-Altitude Balloon, Lead Programmer

Sept. 2013 – June 2014

- Managed the programming aspect of this Arduino based satellite project that have been launched on November 2013.

### American Computer Science League, Team Captain/President – 9<sup>th</sup> Place International

Sept. 2012 – June 2014

- Led and trained school team for the international ACSL computer algorithms competition.

### Milk Line, President

Sept. 2014 – Sept. 2016

- Co-founded a business/start-up club that conveniently delivers a healthy breakfast to students around campus.

### Delta Tau Delta, Treasurer

Oct. 2014 – Jan. 2016

- Managed all the funds for the Fraternity and created the budget for all the departments as well as fraternity chef.

## Awards

**BitCamp Hackathon 2015** – Best Use of Capital One's API and Best UI Design (Goldman Sachs)

April 2015

**Capital One Summit Winner** – Won Capital One's Engineering Summit coding challenge

Jan. 2016

**IBM Master the Mainframe Competition** – 1<sup>st</sup> Stage International Winner

Sept. 2010 – June 2014

**Global Enterprise Challenge** – 5<sup>th</sup> Place Nationally for this Entrepreneurship Competition

June 2013

**United States of America Computing Olympiad** – Silver League for this Algorithms Competition

Sept. 2012 – June 2014