Richard Huang

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Education

Carnegie Mellon University — Pittsburgh, PA
Bachelor of Science in Information Systems, Minors in Computer Science and Business Administration — 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 – Aug. 2017
- Designed framework/platform for developers to more easily build HipChat Integrations and Bots and standardize them. (2017)
- Worked on the Collaboration, Usability, and Engineering team building the interview scheduling optimizer tool. (2016)
- Developed end to end solution for recruiting, tackling problems with automation, interview distribution, and feedback. (2016)

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 – 9th 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 – 1st Stage International Winner — Sept. 2010 – June 2014

Global Enterprise Challenge – 5th Place Nationally for this Entrepreneurship Competition — June 2013

United States of America Computing Olympiad – Silver League for this Algorithms Competition — Sept. 2012 – June 2014