

Richard Huang

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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

- **Certifications:** Cisco CCNA Networking for Home and Small Business 4.0, Cisco IT Essentials-PC Hardware and Software
- **Tools:** Eclipse, Oracle, Access, Heroku, AWS S3/EC2, Jenkins, Tomcat, Linux, Sharepoint, Visio, VirtualBox
- **Frameworks:** Django, Ruby on Rails, Backbone, Selenium, Mocha/Jasmine, Pytest, RSpec, QlikView
- **Languages:** Java, Python, Ruby, SQL(MySQL, PostgreSQL), JavaScript/CoffeeScript, CSS, HTML, C, PERL

Relevant Experience

Kyruus

Software Engineering Intern

Boston, MA

May 2015 – August 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

Data Analyst Intern

New York, NY

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.
- Implemented multiple data validation and analytics web applications and cgi pages.

SongDrop.me

Chief Technology Officer

Pittsburgh, PA

Feb. 2015 – Present

- Co-founded a startup in the Project Olympus incubator that promotes lesser known song artists and their work.
- Developed the frontend website and backend database for main product.

Ward Home

Data Analyst (Volunteer)

Pittsburgh, PA

Oct. 2014 – May 2015

- Built data analysis and management web applications and database for this charity.

Huaxia Chinese School and Chinese-American Family Coalition of NJ

Teacher

Paramus, NJ

Sept. 2011 – June 2014

- Taught middle school students an introduction to computer science course, mathematics course, and clarinet course.

Extracurricular Activities

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.
- Programmed data collection for various sensors including the Geiger counter.

Milk Line, Co-President

Sept. 2014 - Present

- Co-founded a business/start-up club that conveniently delivers a healthy breakfast to students around campus.
- Ran club meetings, developed future business strategy, and helped build the ecommerce website.

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.

Do-Something Club, President

Sept. 2011 – June 2013

- Organized and ran the first ever county wide science fair and charitable events like Teens For Jeans.

Delta Tau Delta, Treasurer

Oct. 2014 – Present

- 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

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