Raymond Cano

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Education

Rice University, Houston, TX
B.A in Computer Science | Aug 2013 - May 2017
GPA 3.87

Skills

Proficient: Python, Java, Javascript
Familiar: C, Matlab
Tools: React, Django, Flask

Work

Full Stack Engineering Intern | Buoy Health Inc.
Boston, TX | Summer 2016 | Python, Django, ReactJS, Jasmine
- Restructured company organization and product development process
- Designed and implemented back end framework for user-facing Follow Up Application
- Created front end unit testing framework and wrote tests to reach 90% code coverage
- Implemented full stack solutions to enable in-application feedback

Front End Engineering Intern | CloudCalc: Engineering in the Cloud
Houston, TX | Summer 2015 | Javascript, light work in PHP, SQL
- Reduced Program Heap Size into 1/3 of original size and significantly improved load time through Garbage Collection optimization and HTML cleanup
- Converted homebrew graphics implementation to Three.JS API

Projects | github.com/rayraycano

COMP 540 | CIFAR-10 Competition
- Implemented Softmax Regression, Support Vector Machines, Histogram of Gradients, and Convolutional Neural Nets to solve the problem of object recognition
- Final solution was 86.7% accuracy using a derivation of AlexNet with Leaky ReLUs

HackTX 2015 | biaSeek
September 2015 | Python, JS, Flask
- Machine Learning driven application that detects political bias in news articles
- Cleaned data, designed algorithm, and constructed flask framework

HackRice 2015 | Where's the Party At
February 2015 | JS, Flask, Python, SQLite
- Developed webapp for real-time population representations, aimed at finding where the party is
- Worked extensively with Google Maps API and constructed frame work to mesh backend/frontend

Design for America | Koko's Alphabet Adventure
Team RealQuick | rayraycano.weblfow.io | Sept 2014 – June 2015
- Designed learning tool to increase alphabet literacy for kids aged 3-5 in low resource area that maximized fun and time efficiency
- Project sponsored for $1,000 by the Avance Early Childhood Organization

Coursework

COMP 540: Machine Learning	COMP 321: Computer Systems	COMP 215: Program Design
COMP 382: Algorithms II	STAT 310: Statistics and Probability	COMP 322: Parallel Programming

Leadership, Activities, and Honors

Design for America | Studio Lead | F15-Present
- Lead a project based design club that empowers teams of students to affect change in community through Human Centered Design.

Vice President | Rice CS Club | F15-S16
- Lead and galvanized CS Speaks initiative aimed at voicing student opinion to administration
- Interfaced with professors and other clubs to organize events for CS Community at Rice

COMP 182: Algorithms I | Teaching Assistant

Rice University Trustee Scholarship
- Awarded for distinguishing talents within the pool of admitted applicants.

Rice University Hip Hop Club Founder