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Andrew Wong

andrewwong97

EDUCATION

Dwight-Englewood School High School Diploma	2015
Johns Hopkins University B.S. Computer Science	2019

Languages

Python	Java	C/C++
HTML5	CSS3	JS
NodeJS		

Favorite Tools

ReactJS	MeteorJS	Django
AWS	MongoDB	Flask
Webpack	Linux	JQuery
Docker	Spark	ES6

COURSEWORK

110.202	Calculus III	600.340	Introduction to Genomic Research
110.201	Linear Algebra	601.365	Knowledge Extraction From Text
600.120	Intermediate Programming (C/C++)	601.433	Intro to Algorithms
600.226	Data Structures	601.421	Object Oriented Software Engineering
600.271	Automata & Computation Theory		

EXPERIENCE

Software Engineer, Corrie Health, Baltimore, MD — Oct 2017 - Present
-- Building a real-time ReactJS heart attack data monitoring web service for doctors and clinicians
-- Maintain an interface between React frontend and Flask/CouchDB backend

Software Engineering Intern, JHU Applied Physics Laboratory, Laurel, MD — Summer 2017
-- Regular updating of features for ESSENCE, under Health Systems Engineering group
-- Created a graphing module using Java Servlets and JSP to map public health timeseries events

Technical Intern, GeoSure Global LLC, New York, NY — Summer 2016
-- Automated a data gathering procedure by using Python, Amazon EC2 instances, and scheduled tasks
-- Wrote a Python package to cluster public stream data into geopolitical activity centers
-- Wrote and deployed a Python Django app that divided city bounds into neighborhoods

Director of Website & Organizer, HopHacks, Baltimore, MD — Jun 2016 - Present
-- Organizer for HopHacks, the bi-annual 36 hour hackathon at Johns Hopkins University
-- Maintain hackathon registration system written in MeteorJS, ReactJS, HTML, and CSS
-- Design Spring 2017 and Fall 2017 event logos
-- Interviewed new group members for the website team
-- Manage internal front end, back end, and devops teams and project workflow
-- Led website Fall 2017 redesign and refactoring

PROJECTS & AWARDS

Co-Founder of Tearn, Ralph S. O'Connor Entrepreneurship Grant 🏆 — Dec 2016 - Oct 2017
-- Created peer to peer mentoring service leveraging informal help from CAs, TAs, and expert students
-- Received an award of $10,000 from Johns Hopkins Technology Ventures to pursue a startup idea
-- Regular implementation of features using MeteorJS, ReactJS, HTML, and CSS
-- Organized technical deadlines and software releases

Sprout, HopHacks Fall 2015 - Bloomberg Sponsor Winner 🏆 — Sept 2015
-- Worked with a team to create an iOS app that optimized health clinic locations
-- Created a database of villages in Sierra Leone and India by Python web scraping
-- Co-wrote optimal distance algorithm between villages and contributed to a scoring algorithm
-- Designed logo and icon with Adobe Illustrator

OTHER ACTIVITIES

Founder, Mantis Customs LLC, Englewood Cliffs, NJ — July 2013 - Jan 2017
-- Founded a B2B custom phone case merchandising business
-- Managed a team, designed custom products, and negotiated with vendors
-- Designed an ecommerce website to display and sell retail products to consumers
-- Distributed custom retail products to local and international clients