Andrew Wong

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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

Tools

ReactJS | MeteorJS | Django
AWS | MongoDB | NextJS
Java Servlets | Linux | JQuery
Photoshop | Illustrator | JUnit

COURSEWORK

550.171	Discrete Mathematics		600.226	Data Structures
550.211	Probability and Statistics		600.271	Automata & Computation Theory
110.202	Calculus III		600.233	Computer System Fundamentals
110.201	Linear Algebra		600.340	Introduction to Genomic Research
600.120	Intermediate Programming (C/C++)			

EXPERIENCE

Software Engineering Intern, JHU Applied Physics Laboratory, Laurel, MD Jun 2017 - Aug 2017
-- Regular updating of features for ESSENCE, under Health Systems Engineering group
-- Worked on a graphing module to help detect disease trends for public health events

Technical Intern, GeoSure Global LLC, New York, NY Jun 2016 - Aug 2016
-- Automated a data gathering procedure by using Python, Amazon EC2 instances, and scheduled tasks
-- Wrote a Python package to cluster pubilc 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
-- Grew website team from 2 to 7 members
-- Interviewed new group members for the website team
-- Manage internal front end, back end, and devops teams
-- Redesigned website for 2017 events

PROJECTS & AWARDS

Co-Founder of FeedFin, Ralph S. O'Connor Entrepreneurship Grant, Baltimore, MD 🏆 Dec 2016 - Present
-- Co-wrote an application that actively manages productivity tasks using a smart algorithm
-- Received an award of $10,000 from Johns Hopkins Technology Ventures to pursue a startup idea
-- Heavy use of git version control to minimize code collisions with other members and ensure up-to-date code
-- Regular implementation of features using MeteorJS, ReactJS, HTML, and CSS
-- Organized technical deadlines and software releases

Sprout, HopHacks Fall 2015 - Bloomberg Sponsor Winner, Baltimore, MD 🏆 Sept 2015
-- Worked with a team to create an iOS app that optimized health clinic locations based on city distance and population
-- 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

Co-Founder and Technology Officer, TCO Labs, Inc. Baltimore, MD Oct 2015 - Apr 2017
-- Co-founded an entrepreneurial non-profit resource at Johns Hopkins University
-- Planned a tech conference for Spring 2017 to connect students, startups, and entrepreneurs
-- Wrote internal organizational tools to monitor event registration and marketing

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 for smart phones, negotiated with vendors, and promoted products to organizations
-- Designed an ecommerce website to display and sell retail products to consumers
-- Distributed custom retail products to local and international clients