Andrew Wong

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andrewwong97

EDUCATION

Dwight-Englewood School   2015
High School Diploma

Johns Hopkins University   2019
B.S. Computer Science

SKILLS & TOOLS

Python   Django   Git   Linux   C/C++

Java   JUnit   AWS   MongoDB   NodeJS

HTML5   CSS3   JS   JQuery   ReactJS

MeteorJS   Photoshop   Illustrator

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

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 Twitter stream data into geopolitical activity centers
-- Labelled 10,000 highly concentrated activity points into neighborhoods by geocoding
-- Wrote and deployed a Python Django app that divided city bounds into neighborhoods

Organizer/Director of Web, 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
-- Interviewed new group members for the website team
-- Acting as judge and sponsor liaison by being primary point-of-contact for 36 hour event
-- Created Spring 2017 banner nest logo using Adobe Illustrator

PROJECTS & AWARDS

Co-Founder of Tearn, **Ralph S. O'Connor Entrepreneurship Grant**, Baltimore, MD 🏆   Dec 2016 - Present
-- 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
-- Gained experience in scrum development

Path Hero, HopHacks Spring 2016, Baltimore, MD   Feb 2016
-- Led feature development of an Android app that planned the fastest walking route through classrooms
-- Parsed JSON data from JHU Courses API and Google Maps API
-- Continued app development with 2 team members in Python Django after hackathon event

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
-- Regularly updated website using HTML, CSS

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