

EDUCATION

Johns Hopkins University 2019
B.S. Computer Science
Minor in Entrepreneurship & Management
GPA: [redacted]/4.00 Dean's List

ADDRESS

School: Home:
3301 N. Charles St [redacted]
Charles Commons [redacted] Englewood Cliffs, NJ
Baltimore, MD 21218 07632

RELEVANT COURSEWORK

550.171 Discrete Mathematics
550.211 Probability and Statistics
600.107 Introductory Programming in Java
600.120 Intermediate Programming (C/C++)
600.226 Data Structures (Fall 2016)
600.271 Automata & Computation Theory (Fall 2016)

SKILLS & TOOLS

Python Django Pandas Selenium
Java C/C++
HTML CSS JS JQuery
Photoshop Illustrator Tableau

PROJECTS

PathHero, HopHacks Spring 2016 - Baltimore, MD Feb 2016
-- Led project management of an Android path optimizing app for JHU students navigating to their classes
-- Worked on backend using Java
-- Implemented Google Maps API and JHU Course Catalog API

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 distance, population and growth of nearby cities
-- Created a database of villages in Sierra Leone and India by Python web scraping
-- Co-wrote optimal distance algorithm between villages, which contributed to a scoring algorithm that encompassed all variables
-- Designed logo and icon with Adobe Illustrator

Senior High School Student, Dwight-Englewood School, Englewood, NJ Sept 2014 - May 2015
-- Researched big data, predictive analytics for application in college admissions decision-making.
-- Wrote final paper to summarize research results and demonstrate a practical implementation.
-- Used Python and natural language processing (NLP) to mine and analyze public and institutional data.
-- Created data visualizations with Tableau.
-- Made a formal capstone presentation to a panel of experts consisting of a software business owner, Facebook AI Researcher, and a program faculty.

WORK EXPERIENCE

Technical Intern, GeoSure Global LLC, New York, NY June 2016 - Aug 2016
-- Automated data gathering by using Python, Amazon EC2 instances, and scheduled tasks
-- Wrote a Python package to cluster Twitter stream data into activity centers
-- Labelled 10,000 highly concentrated activity points into neighborhoods by geocoding
-- Included extensive unit tests
-- Assisted the CEO with administrative tasks and technical application writing

Founder, Mantis Customs LLC, Englewood Cliffs, NJ July 2013 - Present
-- Founded a custom phone case merchandising business.
-- Managed a team, designed custom products for smart phones, negotiated with vendors, and promoted the products to organizations.
-- Donated merchandise to charitable causes such as AIDS awareness and commemorative school events.
-- Provided merchandise as a sponsor to a local hackathon (hackBCA) March 2015.
-- Worked with both local and international clients.

COMMUNITY

Hackathon Organizer, HopHacks, Baltimore, MD June 2016 - Present
-- Regularly updating hackathon registration system written in MeteorJS, HTML, and CSS
-- Helping scale event size by creating a new sponsor sheet, prospectus, and reward tiers
-- Acting as sponsor liaison by being primary point-of-contact for 36 hour event

Co-founder and Operating Officer, TCO Labs, Baltimore, MD Oct 2015 - Present
-- Co-founded an entrepreneurial think tank at Johns Hopkins University
-- Conduct meetings to sketch project ideas and plan events
-- Organized partnerships with similar companies to bring startups to Baltimore
-- Planning a tech conference for Fall 2016 to connect students, startups, and entrepreneurs from Baltimore and NYC

VP and Volunteer, Dwight-Englewood AIDS Awareness Club, Englewood, NJ Mar 2013 - Jun 2015
-- Helped set up and maintain charity event in which attendees donated to watch student performances.
-- Raised \$5000, which went towards advancing AIDS research at Hackensack University Medical Center.