awong52@jhu.edu
(201) 937 5024

# Andrew Wong

andrewwong97

## EDUCATION

**Johns Hopkins University**    2019
B.S. Computer Science
GPA: 3.4/4.0

**Dwight-Englewood School**    2015
High School Diploma

## Languages

| Python | Java | C/C++ |
| HTML5 | CSS3 | JS |
| NodeJS | | |

## Tools

| ReactJS | Redux | Django |
| MeteorJS | MongoDB | Flask |
| Spring | SQL | Docker |

## RELEVANT COURSEWORK

| 601.320 | Parallel Programming | 601.433 | Algorithms |
| 601.414 | Computer Networks | 601.468 | Machine Translation (fall 2018) |
| 601.421 | Object Oriented Software Engineering | 601.475 | Machine Learning (fall 2018) |

## EMPLOYMENT

Software Engineer, **Corrie Health**, Baltimore, MD    Oct 2017 - Present
- Build and maintain a ReactJS web interface that visualizes and provides patient management tools for clinicians to analyze mobile health telemetry
- Create descriptive service layer endpoints to expose Flask/CouchDB data to React frontend

Summer Technology Analyst, **JP Morgan Chase**, New York, NY    Summer 2018
- Contributed to a team of seven software engineers within Asset Management QA
- Created a test results website that ingressed data from Jenkins, Gemfire, and a legacy GUI to visualize regressions and test comparison diffs
- Designed a REST API using Spring Boot and web interface using ReactJS

Software Engineering Intern, **JHU Applied Physics Laboratory**, Laurel, MD    Summer 2017
- Worked with the ESSENCE team under Health Systems Engineering group to draw thresholds within their public health event timeseries product (using Java Servlets, JSP, Tomcat)
- Regularly interfaced with government clients to discuss business goals

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

## COMMUNITY & PROJECTS

Co-Director & Organizer, **HopHacks**, Baltimore, MD    Jun 2016 - Present
- Organize HopHacks, the bi-annual 36 hour hackathon at Johns Hopkins University
- Maintain registration system written in Meteor and ReactJS with participant and admin panels
- Lead meetings and plan deadlines for logistics, transportation, social media, registration, and website teams

Open Source Contributor, **Semester.ly**    Spring 2018
- Worked with a team of four to create a feature that added course schedules from Semester.ly web app to Johns Hopkins University course registration cart
- Wrote Django REST endpoints and built React components for an advisor dashboard where advisors could comment and suggest changes to student course schedules
- Deployed a production nginx/gunicorn server to run advisor portal beta testing

Co-Founder & Tech Lead, **Tearn (Ralph S. O'Connor Program)**    Dec 2016 - Oct 2017
- Earned $10,000 grant from Johns Hopkins Technology Ventures to create a peer to peer mentoring service leveraging informal help from CAs, TAs, and expert students
- Organized technical deadlines among mobile and web teams

Sprout, HopHacks Fall 2015, **Bloomberg Sponsor Winner**    Sept 2015
- Worked with a team to create an iOS app that optimized health clinic locations
- Contributed to scoring algorithm by writing optimal distance algorithm