

# James Wong

James.Wong@macaulay.cuny.edu | (917) 868-1272

<https://jamesw8.github.io> | <https://linkedin.com/in/jamesw8> | <https://github.com/jamesw8>

## EDUCATION

**Macaulay Honors College at the City College of New York**

Bachelor of Science, Computer Science

*Expected June 2019*

*GPA: 3.66*

## RELEVANT COURSEWORK

*Algorithms*

*Data Structures*

*Websites and Web Applications*

*Software Design Lab*

*Database Systems*

*Discrete Math Structures*

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, HTML, CSS, JavaScript

**Technologies:** Flask, Bootstrap, Node.js/Express.js, React, Git/GitHub, Jira, Heroku

## EXPERIENCE

**Software Engineering Intern**, Corporate and Investment Banking Technology

JPMorgan Chase & Co.

*June 2018 – August 2018*

*New York, New York*

- Developed an internal Python reporting tool to reduce the length of the audit log reconciliation process in equities trading compliance by 84%
- Worked with a team of 3 to integrate processed configuration files into a global monitoring tool to be used by several entities within JPMorgan Chase & Co. for a high level overview of the trading environment
- Leveraged an agile workflow to quickly deliver new features by tracking issues through Jira, collaborating in scrum meetings, and developing in sprints
- Developed and optimized existing REST API endpoints to provide electronic trading information and to reduce database insertion times using Spring MVC

## PROJECTS

**Better Business Buddy**, NS Hackathon F17 *React, Flask, Yelp API*

*November 2017*

- Led a team of 4 to design a web app to guide budding entrepreneurs in the restaurant industry by providing researched cost/credit estimates and potential competitors
- Received JPMorgan Chase & Co.'s award for the Best Hack for Empowering Minority Entrepreneurs

**GIFRadio**, HackNY F17 *Node.js, Express.js, GIPHY API*

*October 2017*

- Developed a wordless music recommendation web app in a team of 3 that provides an alternative means of discovering music
- Created an API that provides a random list of GIFs as possible search queries to generate a Spotify playlist

**Herder Game**, Software Design Lab *Java, Swing*

*April 2017 – May 2017*

- Collaborated in a team of 3 on a 2D game where the player can guide Herbivores away from Carnivores

**ThinkingGame**, HackNY S17 *Flask, Twilio API, Clarifai API, ngrok*

*April 2017*

- Built a competitive SMS game in a team of 3 where users guess tags generated by image recognition
- Utilized a web server that listens for SMS webhooks and keeps track of game states with scoreboards

## ACTIVITIES

**Software Developer**, CUNY Tech Prep

NYC Tech Talent Pipeline

*August 2017 – May 2018*

*New York, New York*

- Selected to competitive full stack JavaScript training program for future software engineers
- Learned in-demand full stack web technologies such as React, Node.js, Express.js, and PostgreSQL

**Secretary**, Association of Computing Machinery

The City College of New York

*August 2017 – May 2018*

*New York, New York*

- Assisted with event organization, technical workshops, and website management