

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

Expected June 2019

Bachelor of Science, Computer Science

GPA: 3.70

TECHNICAL SKILLS

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

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

Operating Systems: MacOS, Windows, Linux

PROJECTS

GIFRadio, HackNY F17 *Node.js*

October 2017

- Developed a wordless music recommendation web app in a team of 3 using Node.js and Express.js
- Created application endpoint to the front page that produces a list of random GIFs using GIPHY API as possible search queries for generating a playlist

Google Sheets SMS *Python*

June 2017

- Accessed preset Google Sheet using Google Sheets API and used Flask to handle API calls
- Enabled user SMS interaction through Twilio API to add, remove, and view cells

Herder Game *Java*

April 2017 – May 2017

- Collaborated in a team of 3 on Java game with Swing GUI from clone of GridWorld where a Herder leads herbivores away from carnivores
- Designed Herbivore and Herder logic using Object Oriented concepts

Queens Housing Redevelopment Proposal *Python*

April 2017 – May 2017

- Proposed a redevelopment plan for Willets Point in a team of 4 as an affordable alternative to the current plan
- Determined optimal housing patterns by drawing a Voronoi diagram using scipy library on food market locations in Flushing and Corona

ThinkingGame, HackNY S17 *Python*

April 2017

- Built a competitive SMS game in a team of 3 where users guess Clarifai tags for points
- Utilized Flask to create a web server with ngrok tunneling that listens for Twilio webhooks

ACTIVITIES

CUNY Tech Prep, NYC Tech Talent Pipeline

August 2017 – Present

Software Developer

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

Association of Computing Machinery, City College

August 2017 – Present

Secretary

- Assist with event organization, technical workshops, and website management
- Document digital records of all board meetings

RELEVANT COURSEWORK

Algorithms

Software Design Lab

Shaping the Future of NYC (Python)

Data Structures

Fundamentals of Computer Systems

Discrete Math Structures

HONORS

Dean's List, City College

2016 – Present

University Scholars, Macaulay Honors College

2015 – Present