James Wong

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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 Objected 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*