

James Wong

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EDUCATION

Macaulay Honors College at The City College of New York
Bachelor of Science, Computer Science

Expected June 2019
GPA: 3.62

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML, CSS, JavaScript
Technologies: Flask, Bootstrap, Node.js/Express.js, React, Git/GitHub, Heroku
Operating Systems: MacOS, Windows, Linux

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 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 through GIFs
- Created an application endpoint accessed by the front page that produces a list of random GIFs as possible search queries for generating a Spotify playlist

Herder Game *Java, Swing* *April 2017 – May 2017*

- Collaborated in a team of 3 on a 2D grid game where the player's objective is to lead Herbivores away from Carnivores that progressively chase their prey
- Designed Herbivore and Herder logic using Objected Oriented concepts

Queens Housing Redevelopment Proposal *Python* *April 2017 – May 2017*

- Proposed an alternative redevelopment plan for Willets Point in a team of 4 in favor of affordability
- Determined optimal housing locations by observing patterns of food markets and housing in Flushing and Corona with a Voronoi diagram

ThinkingGame, HackNY S17 *Python, Flask, Twilio, ngrok* *April 2017*

- Built an SMS game in a team of 3 where users guess tags generated by an image recognition API for points

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.js, Express.js, 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

<i>Algorithms</i>	<i>Websites and Web Applications</i>	<i>Database Systems</i>
<i>Data Structures</i>	<i>Software Design Lab</i>	<i>Discrete Math Structures</i>

HONORS

Dean's List, City College	<i>2016 – Present</i>
University Scholars, Macaulay Honors College	<i>2015 – Present</i>