


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: 3.70

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML, CSS, JavaScript
Technologies: Flask, Bootstrap, React, Git

PROJECTS

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
- Created 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
- Drew a Voronoi diagram using scipy library on food market locations in Flushing and Corona to determine optimal housing patterns for Willets Point

ThinkingGame, HackNY *Python* *April 2017*

- Worked on SMS game where users compete against each other to 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*

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

Secretary, Association of Computing Machinery, City College *August 2017 – Present*

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

RELEVANT COURSEWORK

Algorithms

Data Structures

Fundamentals of Computer Systems

Software Design Lab

Discrete Math Structures

Shaping the Future of NYC (Data with Python)

HONORS

Tech Fellow, CUNY Tech Prep

2017 – Present

Dean's List, City College

2016 – Present

University Scholars, Macaulay Honors College

2015 – Present