

# KEVIN CHEN

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## EDUCATION

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**New York University** Tandon School of Engineering, New York, NY

*Expected Grad: May 2022*

- Bachelor of Science, Computer Science, Minor: Cyber Security, Business Studies
- GPA: 3.5
- Relevant Coursework: Data Structures & Algorithms · Object-Oriented Programming · Linear Algebra · iOS

## SKILLS

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- **Programming:** (Advanced) Python · Swift · Java | (Basic) C++ · JavaScript · HTML/CSS · Django
- **Software:** Git · Bash · XCode · Google Cloud Platform · Firebase · AWS · Heroku
- **Platforms:** Arduino & Raspberry Pi (IoT) · iOS App Development · Windows · macOS · Linux

## EXPERIENCE

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**Intro to Engineering and Design**, Brooklyn, NY

*September 2019 – Present*

*Teaching Assistant*

- Work with first-year students in Open Lab sessions for introductory cornerstone engineering course (EG1003)
- Mentor student on semester-long design projects (Rapid Assembly and Design Challenge)

**JP Morgan Chase**, Online

*October 2019 – November 2019*

*Virtual Software Engineering Experience*

- Utilized JPMC's Perspective software to translate graphical data to usable information with web application
- Gained experience establishing financial data feeds, frontend web development, and data visualization

## PROJECTS

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**Trivia Me This**, Capital One SWE Summit Application

*October 2019*

- Developed a web application for the Capital One Software Engineering Summit in Winter 2020
- Utilized HTML, CSS, Python/Django, and Javascript to develop a Jeopardy-style web application
- Integrated JService Trivia API to search for trivia based on the category name, airdate, and difficulty

**SiteSeer**, NYU EG1003 RAD Project

*January 2019 – May 2019*

- Assistive navigation technology for visually impaired individuals developed in a team of 3 first-year students
- Implemented Google Cloud with Firebase, AutoVision ML, Storage, Directions API, and Speech Services
- Utilized Python to implement image recognition and GPS navigation
- Developed iOS app to obtain GPS location from phone, provide live-feed, and integrate speech services

**Carbon Footprint**, HackRPI 2019

*March 2019*

- iOS app to graphically display user's contribution to depleting Earth's natural resources
- Utilized Google Cloud, Swift, and Apple CoreML to detect food, gas bills, and form of transportation

## ACTIVITIES

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- **NYU VIP Self-Drive:** Work with perception team to implement computer vision to develop a self-driving car
- **CS Tutor:** Tutor students in Python (CS 1114) and Data Structures & Algorithms (CS1134)
- **PolyBots:** Utilize Arduino & Raspberry Pi to build mini-robots for friendly competitions

## AWARDS

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- **TechFestival Hackathon 2019:** 1<sup>st</sup> (out of 18 teams) at largest CUNY hackathon & Best Google Cloud Hack
- **NYU EG1003 RAD Project 2019:** 2<sup>nd</sup> (out of 25 teams) & Nick Russo Award Winner for Outstanding Design