KEVIN **CHEN**

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EDUCATION

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

- **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

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

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

- **HackNYU Board**: Work with other tech team members to develop website for registration
- **NYU VIP Self-Drive**: Work with perception team to implement computer vision and develop a self-driving car
- **CS Tutor**: Tutor students in Python (CS 1114) and Data Structures & Algorithms (CS1134)

AWARDS

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