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Harry Chen

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EDUCATION

City University of New York, College of Staten Island   **Staten Island, NY**
Bachelor of Science | Major: Computer Science   *January 2019-December 2022*

Fullstack Academy   **New York, NY**
Software Engineering Immersive   *May 2018-December 2018*

City University of New York, Baruch College   **New York, NY**
Bachelor of Business Administration | Major: Accounting (Switched Major)   *August 2015 – December 2017*
GPA: 3.2/4.0

SKILLS

Technologies:
-Proficient: JavaScript, Node.js, React.js, Express.js, Bash, Git, Postgres, HTML/CSS
-Familiar: React Native, GraphQL, C++, Python

WORK EXPERIENCE

Instructor   **Blue Studios**   **Brooklyn, NY**
K-12 STEM Pathway (www.bluestudios.io): Education   *February 2019 – Present*

- Introduced beginner and intermediate programming and technical topics to young students with technologies such as HTML/CSS, JavaScript, Scratch, and Python
- Communicated with parents about student progress and explained how the coursework done by their children relate to the technologies they use everyday
- Fostered a friendly learning environment to build confidence in students' technical skills

Software Engineering Intern   **White Fox Scooters (startup)**   **New York, NY**
Docked E-Scooters (www.whitefoxscooters.com): Mobile Application   *February 2019 – June 2019*

- Developed mobile application in which users can find and reserve available electric scooters for urban transportation
- Led quality assurance efforts to eliminate bugs as well as enhancing the user experience prior to official launch
- Migrated existing proprietary state management tool into a Redux state container
- Leveraged knowledge in Mobile Development, JavaScript, React-Native, and Git Version Control

SOFTWARE PROJECTS

Rosetta Capstone (https://rosetta-capstone.herokuapp.com)
-GitHub: github.com/RosettaCapstoned/main_app

- Worked with a small team to build a real time interactive learning platform with the goal of teaching English
- Integrated SimpleWebRTC to enable real time video and audio streaming between teacher and students
- Designed a RESTful backend server enabling access to an online database as well as 3rd party APIs
- Applied libraries such as Mocha and Chai to test data models to ensure the integrity of data
- Technology Utilized: Node, Express, React, SimpleWebRTC, Google Translation API, Webkit Speech Recognition

Space Mobile (Honorable Mention at Hack the Solar System 2019, American Museum of Natural History)
-GitHub: github.com/HackTheSolarSystem/SpaceMobile

- Collaborated with a team of 5 to build a mixed reality mobile game to engage children in the wonders of Space
- Integrated augmented reality to assign each player a planet or the sun as a role for the game
- Incorporated the pedometer to track speed of players to ensure they are mimicking our solar system's rotation around the sun accurately
- Technology Utilized: React-Native, Socket.io, Expo-CLI