(347)545-8529 | # Hui Wah Chiang | hwwc518@gmail.com

LinkedIn: linkedin.com/in/hui-wah-chiang-156504128   **Github:** https://github.com/hwwc518

Education:

New York University Tandon School of Engineering	Brooklyn, NY	**2015 – 2019**

Bachelor of Science in *Computer Science*

Brooklyn Technical High School	Brooklyn, NY	**2011 - 2015**

Relevant Coursework: Data Structures and Algorithms with C++, Object Oriented Programming with C++, Discrete Math, Data Analysis, Computer Architecture, Web Design, Design and Analysis of Algorithms, Operating Systems, Databases, Computer Networking

Skills:

- Languages: C++, Python, JavaScript, SQL, Ruby on Rails
- Technologies: HTML, CSS, Git, Node.js, ReactJS, Adobe Photoshop
- Misc.: Microsoft Office, Linux, Mandarin, Cantonese

Experience:

Ustart.today*, Web Development Intern*	Brooklyn, NY	**Jul 2017 – Sep 2017**

- Implemented a social media website to connect students from different majors
- Overhauled membership and registration workflow using JavaScript and ReactJS
- Optimized site for mobile devices and faster loading times

CodeNow*, Fellow*	East Lansing, MI	**Jul 2017**

- Taught web development using HTML, CSS, and Ruby on Rails to groups of 6-7 high school students at Michigan State University
- Collaborated with other CodeNow fellows to adjust curriculum to aid student learning
- Assisted in hosting of various activities, such as campus tours and icebreakers

Exxon Mobil S.Y.S.T.E.M., *Intern*	Brooklyn, NY	**Jul 2014 – Aug 2014**

- Redesigned a college library to be more sustainable and estimated total costs to do so
- Examined and proposed new ideas to clean up the Greenpoint oil spill in Brooklyn

Projects:

- **NBAi** (Python, Tensorflow)
  - A machine learning program to predict changes of control over a basketball game using self-defined weights such as comeback potential and sentiment analysis
  - Parsed big-data file to extract relevant information to feed into Tensorflow
- **sliceOfCollege** (ReactJS, Firebase)
  - Made a website allowing students to find / give tours and temporary housing when visiting other colleges
  - Used ReactJS for frontend and Firebase to store users/ manage requests
- **Dr. Simmons** (Node.js, Wit.ai, Heroku)
  - Created a chat based 'therapy' game to aid in identifying depression symptoms
  - Assigned a user's responses a positive / negative rating using Wit.ai
  - Built node.js server with Heroku to allow Facebook chatbot to communicate with AI