# Cheng Wang

New York, NY                                                    cwaf17@gmail.com

## Education

**Massachusetts Institute of Technology (MIT)**                Jun. 2018, Cambridge, MA
*B.S. in Electrical Engineering & Computer Science, Minor in Mathematics*          **GPA:** 4.4/5.0
**Related Courses:** Design & Analysis of Algorithms, Machine Learning, Computer Vision, Complexity Theory

## Experience

**Springboard, Data Science Student**                          Aug. 2020 - Present, New York, NY
- 550+ hours of hands-on curriculum, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects. Mastering skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning.

**Johnson & Johnson, Software Engineer**                       Apr. 2019 - Jun. 2020, Raritan, NJ
- Developed the J&J Interview Examination Web Application to screen potential candidates. The web application had administrator and test taker accounts. Administrators could add/modify/delete questions on the frontend, and the test takers could take the exam created by the administrators.
- Designed and implemented all frontend pages, creating user accounts for test takers and administrators, creating a multiple choice section with questions and answers, a coding section with an embedded IDE, creating angular services and REST APIs to connect to the backend Flask Server and SQLite database.
- Developed a job monitoring application called Aggrify by creating three different reports - Heatmap, Cockpit, and Operations. Creating these reports involved retrieving data from an Oracle Database, transforming it on a flask server, passing it to the frontend via RESTful API endpoints, and displaying this data on frontend components using HTML, CSS, Typescript, and Angular.
- Support the Aggrify application by holding Office Hours and regular meetings to answer business-related questions and debug technical issues.

**M\*Modal, Software Engineer**                                Oct. 2018 - Mar. 2019, Pittsburgh, PA
- Worked with an agile team to support and develop the NLP device Fluency Direct (FD). FD specializes in picking up medical dictation and streamlines the documentation process in doctor's offices.
- Corrected bugs and wrote unit tests in C# for issues such as disconnections between client device and server, differences of software between Windows and Mac, and speed and dictation issues within FD.

**Amazon.com, Inc,** *SDE Intern*                             Jun. 2017 – Aug. 2017, San Francisco, CA
- Worked with the IOS Team to develop the Goodreads Application using Swift, Objective C, and following the Model-View-Controller model.
- Wrote the Genre page and the corresponding pages which link from the Genre page. The Genre page lists categories such as Art, Biography, and Cooking, and the corresponding pages contain books of the selected genre, each displayed with the title, image, author name, overall rating, and date of publication.

## Skills and Interests

Computer: Python, Java, HTML, CSS, Javascript / Typescript, Angular, React, SQL
Languages: Mandarin Chinese, German
Interests: Guitar, Hiking, Drums