CASSANDRA NEWCOMER
New York, NY

OBJECTIVE
Seeking a Summer 2020 internship in software engineering or closely related field.

EDUCATION
Queens College | New York, NY
Expected Graduation: Winter 2020
Major: Computer Science
GPA: 3.7/4.0

WORK EXPERIENCE
Software Engineering Intern | Oscar Health
June 2019 – present
HTML5/CSS3, Javascript, React, React Native, Redux, Python, Flask
- Built a new document center application feature for use by Oscar members
- Application interfaces with APIs from across Oscar's internal codebase to collect URLs of numerous insurance, tax, and medical forms
- Implemented React front end that displays the collection to the member in a single centralized location

Undergraduate Teaching Assistant | Queens College
January 2019 – May 2019
TA for CS 381 (Advanced C++ Elective)
- Graded projects and midterms
- Debugged students' understanding of C++

Software Engineering Intern | IBM
June 2018 – August 2018
Java EE, Javascript, React, Apache Derby
- Developed internal Javascript tooling to automate migration of repository issues from GitLab to Github Enterprise while preserving cross-issue reference links
- Wrote a full stack web application that ingests and analyzes social media complaints about the NYC subway system
- Created a Java EE back end that interfaces with the Twitter API, performs scheduled batch processing, serves static files, and provides the REST API for an interactive data visualization dashboard

Assistant Software Developer | City College of New York
June 2016 – July 2017
HTML5/CSS3, Canvas, Javascript, Node/Express, Jekyll
- Built interactive, browser-native math and science visualizations for educational use by the physics department
- Used static site generator to update and maintain organization's webpage
- Created a REST API microservice to fetch, parse, and cache data from the GitHub API and serve it to the front end
- Expanded and debugged the alpha release of a p5.js physics add-on library

SKILLS
Languages: Javascript, Java, Python, C++
Other Tools: Git, VSCode, PyCharm, Adobe Creative Suite

RELEVANT COURSEWORK
Data Structures, Databases, OOP in C++, OOP in Java, Internet and Web Technologies, Computer Organization and Assembly Language, Computer Architecture, Discrete Math, Discrete Structures, Calculus I/II/III, Intro to Probability and Statistics, Linear Algebra

PORTFOLIO: engineerwithoutfear.github.io
OTHER INTERESTS: science fiction, video games, Bayesian rationality, automotive repair, costuming, photography