

# Greta Huang

## Education

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### University of California, Berkeley

EECS Honors Degree Program, Bachelors in Computer Science

August 2014 – May 2018

Current GPA: 3.8

### Extracurricular Activities:

Reader/Tutor for Berkeley CS Department, Cal Blueprint (pro-bono software dev for non-profit organizations).

## Experience

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### Facebook

Software Engineering Intern

September 2017 – Present

New York, NY

- Developing a data analysis and visualization tool for Instagram Explore sources and metrics.

### Two Sigma Investments

Software Engineering Intern

May 2017 – August 2017

New York, NY

- Integrated existing futures and equity simulations into an improved universal simulation framework, which, given financial predictions, optimizes profit to output actionable buy/sell quantities.
- Improved financial data store formats, decreasing simulation run time. Created a financial data aggregator to automatically update data needed for simulation.

### Bloomberg LP R&D

Software Engineering Intern

May 2016 – August 2016

New York, NY

- Developed an interpreter for “tactical language”, a pseudo-language that expresses business logic used to direct application workflow. Gained experience in language processing and translation of parsed language into an abstract syntax tree (AST).

### Backpeddle

Software Engineering Intern

June 2015 – August 2015

New York, NY

- Independently built a web scraping application for data set extraction from social/professional media sites. Gained experience in normalization of unstructured data into central local structured database for analysis.

## Projects

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### Replate Web Application through Cal Blueprint

September 2016 - Present

- Replate is a non-profit organization that matches extra food from businesses or individuals to charities and shelters. My team developed a platform for Replate that supports company sign up/verification, scheduling for food pick-ups, driver task assignment/mapping to destinations, and company payment plans.

### UC Berkeley People's Test Preparation Services Website

June 2016 – Present

- Active webmaster. Built website systematizing the sign-up and enrollment processes for a Berkeley student organization that provides free test preparation services to local high schools.

## Skills

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**Programming Languages:** Python, Java, C/C++, JavaScript, HTML, CSS, Ruby

**Libraries:** NumPy, pandas, scikit-learn, TensorFlow, Scrapy, BeautifulSoup

**Web Applications:** Ruby on Rails, Django, React

**Tools:** Git, Mercurial