

# Greta Huang

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## Education

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### University of California, Berkeley

EECS Honors Degree Program, Bachelors in Computer Science

August 2014 - December 2017

Current GPA: 3.8

**Extracurricular Activities:** Reader/Tutor for Berkeley CS Department.

### Commack High School

International Baccalaureate Diploma

September 2010 – June 2014

Graduating GPA: 4.0

## Experience

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### 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).
- The interpreter operates outside of runtime, allowing users to identify faulty application logic through “tactical language” evaluation patterns. Java, JavaScript, Bloomberg RAPID+, ANTLR4 framework.

### Backpeddle

Software Engineering Intern

June 2015 – August 2015

New York, NY

- Independently developed 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. Python, BeautifulSoup, Scrapy framework.

## 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 communities in need. Our platform enables charities and people to recover food donations based on need and location.
- Ongoing work with a team of Berkeley students through the Cal Blueprint organization. Utilizing Ruby on Rails framework, React library, PostgreSQL database.

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

June 2016 – Present

- Built website expediting and organizing the sign-up/enrollment process for a Berkeley student organization that provides free test preparation services to local high schools.
- Active webmaster. Utilized Bootstrap framework, HTML, JavaScript, CSS.

## Skills

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**Programming Languages:** Python, Java, C/C++, Scheme

**Web Applications:** JavaScript, HTML, CSS

**Databases:** SQLite

**Tools:** Git, Adobe Photoshop, LaTeX

**Bilingual** (English, Mandarin)