

# Greta Huang

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## Education

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### University of California, Berkeley

*Current GPA: 3.8*

**August 2014 - December 2017**

*Bachelors in Computer Science*

#### Relevant Coursework:

Data Structures/Algorithms (CS61B) – Efficient Algorithms/Intractable Problems (CS170) – Artificial Intelligence (CS188)

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

### Commack High School

*Graduating GPA: 4.0*

**September 2010 – June 2014**

*International Baccalaureate Diploma*

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

**June 2016 – Present**

- Built website for a UC Berkeley student organization that provides free test preparation services to local high schools. Utilized Bootstrap framework, HTML, JavaScript, CSS. Ongoing Webmaster.

### LoCality

**October 2015**

- Created a website for landlord reviews and ratings, exclusively for UC Berkeley students. Incorporated postings by students for subletting and other housing offers.
- Developed website from the ground up, including both back-end and front-end. Gained skills in Flask framework, SQLAlchemy toolkit, HTML, JavaScript, and CSS. Utilized SQLite database.

## 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)