

# Greta Huang

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## Education

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### University of California, Berkeley

Current GPA: 3.9

**August 2014 - December 2017**

*Bachelors in Computer Science*

#### Relevant Coursework:

Structure/Interpretation of Programs (CS61A) – Data Structures/Algorithms (CS61B) – Computer Architecture (CS61C)

**Extracurricular Activities:** Volunteer mentor for a high school robotics team through Pioneers in Engineering.

### Commack High School

Graduating GPA: 4.0

**September 2010 – June 2014**

*International Baccalaureate Diploma*

## Experience

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### 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. Created high accuracy methods for parsing information through breakdown of website structure.
- Gained experience in normalization of unstructured data into central local structured database for analysis. Proficiency in API integration with existing applications. Python, BeautifulSoup, Scrapy framework.
- Laid groundwork for an application intended to find the best transport options for travelers (flight, train, public transport, rental car), given specific origins and destinations, along with desired departure and arrival times. Familiarity with Google Maps API.

## Projects

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### 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. Featured landlord “sponsoring” by students, which would give landlords direct access to housing offer postings.
- 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.

### Student Progress Tracker

**May 2014 – June 2014**

- Built Java-based data storage/manipulation and automated emailing program, which tracked student progress for high school classes. Implemented a calendar interface that could be customized to teacher-approved goals for the week, allowing students and teachers to more easily keep pace with their advancement.

## Skills

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

**Web Applications:** HTML, Basic CSS and Javascript

**Databases:** SQLite

**Platforms:** Linux/OSX

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

**Bilingual** (English, Mandarin)