Greta Huang

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Education

University of California, Berkeley   **August 2014 - December 2017**
EECS Honors Degree Program, Bachelors in Computer Science   *Current GPA: 3.8*

Extracurricular Activities:

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

Experience

Facebook   **September 2017 – Present**
Software Engineering Intern   *New York, NY*
- Developing a data analysis and visualization tool for Instagram Explore sources and metrics.

Two Sigma Investments   **May 2017 – August 2017**
Software Engineering Intern   *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   **May 2016 – August 2016**
Software Engineering Intern   *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   **June 2015 – August 2015**
Software Engineering Intern   *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

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

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