

EDUCATION

- **University of California, Berkeley** Berkeley, CA
Bachelor of Statistics; GPA: 3.22 *Aug. 2018 – Present*
- **Santa Monica College** Los Angeles, CA
Transfer Requirements for Statistics; GPA: 3.96 *August 2014 – August 2018*

COURSEWORK

CS61A: Structure and Interpretation of Computer Programs, CS61B: Data Structures, EE16A: Designing Information Devices and Systems I, DATA100: Principles and Techniques of Data Science, CS70: Discrete Mathematics and Probability Theory, Prob140: Probability for Data Science.

LANGUAGES

- **Proficient:** Python (+numpy, scipy, Jupyter/iPython, pandas), Java (+Swing/JavaFX), \LaTeX , Spanish (Native Language)
- **Familiar:** Tensorflow, Keras, scikit-learn, SQL, MATLAB, C++, Scheme, Swift/iOS, HTML, CSS, Javascript (+node.js), Git

EXPERIENCE

- **Santa Monica College** Los Angeles, CA
STEM Program *Oct 2016 - August 2018*
 - **STEM Peer Mentor:** Promote student success through academic strategies workshops aimed to connect students with campus services and help students to succeed in STEM classes. The goal was to increase the engagement with colleagues and campus resources while cleared understanding their learning needs.
 - **STEM Tutor:** Help STEM college students with mathematics, chemistry, and biology subjects. Based on my college experiences, I helped students with study skills and guidance.
- **University Cooperative Housing Association (UCHA)** Los Angeles, CA
Board of Directors *Jan 2016 - August 2018*
 - **President of the Board of Directors:** Participation in weekly Board meetings and help to make policy decisions and oversee the long-term UCHA's stability. In addition, I also made weekly and quarterly financial reports of UCHA at each meeting of the Board, and I'm responsible for the maintenance of the official files, including minutes of the Board. As President, I had to oversee and lead the overall condition of the non-profit organization along with the Executive Director and the rest of the Board members.

PROJECTS

- **Detecting Credit Card Fraud Using Machine Learning:** Creating a training data set that will allow the algorithms to pick up the specific characteristics that make a transaction more or less likely to be fraudulent. Dataset was downloaded from Kaggle.com. I utilized random under-sampling to create a training dataset with a balanced class distribution that will force the algorithms to detect fraudulent transactions as such to achieve high performance.
- **Food Safety:** Investigate restaurant food safety scores for restaurants in San Francisco. The scores and violation information have been made available by the San Francisco Department of Public Health. The main goal for this Project was to understand how accurately restaurants are scored by the State of California.