

## LANGUAGES & TECHNOLOGIES

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- **Proficient:** Python (+numpy, scipy, Jupyter/iPython, Pandas, Scikit-Learn, SQLite, SQLAlchemy, GeoPandas, Seaborn, Plotly, XGBoost, LightGBM, Flask), Java (+Swing/JavaFX), SQL, HTML, CSS (Bootstrap 4), Javascript (jQuery), Git, Spotipy (Spotify's Developers API), Heroku,  $\text{\LaTeX}$ , Spanish (Native)
- **Familiar:** R, Tensorflow, Keras, MATLAB, C++, Google Cloud's API, Diagonalflow, Twilio,

## TECHNICAL SKILLS

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- **Proficient:** **Regression** (+Linear, Multiple-Linear, SVR, Random Forest), **Classification** (K-NN, SVM, Random Forest, Logistic), Advance Data Cleaning & Interpretation
- **Familiar:** **Clustering**(+K-Means), **Deep Learning** (Monte Carlo Simulation, Convolutional Neural Networks)

## COURSEWORK

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CS61A: Structure and Interpretation of Computer Programs, CS61B: Data Structures, EE16A/16B: Designing Information Devices and Systems I/ II, DATA200: Principles and Techniques of Data Science, CS70: Discrete Mathematics and Probability Theory, Prob140: Probability for Data Science, CS 61C: Great Ideas of Computer Architecture (Machine Structures), CS186: Introduction to Database Systems,

## EXPERIENCE

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- **Santa Monica College** Santa Monica, 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 computer science 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 of a Non-profit Organization* *Jan 2016 - August 2018*
  - **Vice-president of the Board of Directors:** Make policy and oversee the long-term UCHA's stability financially and politically. In addition, I also made weekly and quarterly financial reports of UCHA, I was responsible for the maintenance of the official files, including minutes of the Board. As Vice-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.
- **University of California, Los Angeles** Los Angeles, CA  
*Bruins-In-Genomics (B.I.G.) Summer Undergraduate Researcher* *June 2018 - August 2018*
  - **Undergraduate Summer Research Intern:** Summer Internship that combined bioinformatics and genomics. Assist with research including analyzing multiple-phenotype data using QIIME2 via command line to study gut bacteria in mice. Analyzed data sets for diseases using R to create a database of drug interactions. Data gathering literature research on gene-mapping analysis data visualization using Excel to create figures for academic papers.

## EDUCATION

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- **University of California, Berkeley** Berkeley, CA  
*Bachelor of Computer Science and Data Science; GPA: 3.3* *Aug. 2018 - Present*
- **Santa Monica College** Los Angeles, CA  
*Transfer requirements; GPA: 3.48* *Aug. 2015 - Aug. 2018*