

**EDUCATION****University of California, Berkeley***Class of 2021*Bachelor of Arts, Statistics - **GPA:** 3.93; 4.0 within major

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**SKILLS****Programming Languages:** Python, R, Java, SQL, LaTeX, Scheme**Data Software:** Scikit-learn, pandas, OR-Tools, seaborn, matplotlib, tidyverse, ggplot, Microsoft Excel, ArcGIS, QGIS**Courses:** Principles & Techniques of Data Science; Data, Inference, and Decisions; Concepts of Statistics; Concepts of Probability; Linear Programming and Network Flows; Time Series; Algorithms for Data Science; Data Structures

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**PROJECT EXPERIENCE****Undergraduate Research Assistant***UC Berkeley Center for Community Innovation, Terner Center for Housing Innovation**Summer 2020 - Present*

- Co-authored a policy brief promoting CA Senate Bill 1120, allowing for increased density in residential areas.
- Aggregating and analyzing large datasets for various projects on housing construction and gentrification.

*UC Berkeley Transportation Sustainability Research Center**Spring 2020*

- Performing data collection and analysis for a doctoral research project on e-commerce, transportation and COVID-19.

**Sports Analytics Group at Berkeley***Vice President - Projects Division**Summer 2020 - Present*

- Managing the club's projects division by recruiting members, interviewing applicants, overseeing the club's research and consulting projects, and formulating relationships with professors and members of the sports industry.

*San Francisco Giants - Scouting Reports**Fall - Winter 2019*

- Leading a team of five students to help develop minor-league players through visualizing bat swing data.
- Organized meetings, divided work among group members, and communicated results to the Giants.

*Golden State Warriors - Basketball Analytics Internship**Winter - Spring 2018*

- With a team of five students, analyzed college basketball players in order to find suitable draft prospects.
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**WORK EXPERIENCE****Undergraduate Student Instructor***UC Berkeley Division of Data, Computing, and Society—Data 100**June 2020 - Present*

- Preparing and executing lesson plans for discussion sections and labs of 5-30 students.
- Creating and reviewing course content including exams, labs, homeworks, and discussion worksheets.

**Group Tutor***UC Berkeley Division of Data, Computing, and Society—Data 100**January - May 2020*

- Teaching students of an advanced data science class through helping them in office hours and grading homework.

**Facilities Student Assistant***UC Berkeley Intercollegiate Athletics Facility & Event Management**February 2018 - Present*

- Maintained the general upkeep of athletic facilities by organizing team and fan spaces for scheduled events.

**Office Staff and Gate Attendant***South Orange Community Pool and The Baird Community Center, South Orange, NJ**March 2015 - August 2019*

- Enforced town policy by selling pool memberships, verifying documentation, and processing activity enrollment.
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**PERSONAL PROJECTS****u/cbbBot***January 2017 - Present*

- Developed a script in Python that automates the timely creation of college basketball game discussion threads to a Reddit community of over one million users. Popular threads attract well over 10,000 comments.