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

SKILLS
Programming Languages: Python, R, Java, SQL, AMPL, 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

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.

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.

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.