Isaac Schmidt

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EDUCATION

University of California, Berkeley

Master of Arts, Statistics   *Class of 2022*

Bachelor of Arts, Statistics, with Minors in Data Science and City Planning   *Class of 2021*
  - **GPA:** 3.93; Member of Phi Beta Kappa

WORK EXPERIENCE

UC Berkeley Division of Data, Computing, and Society—Data 100: Principles & Techniques of Data Science

Head Instructor   *June 2021 - August 2021*
  - Develop syllabus, present lectures, formulate policy, and manage staff for data science course of over 350 students.
  - Instructor of record for upper-division course, teaching content in data cleaning, modelling, and machine learning.

Undergraduate Student Instructor   *June 2020 - May 2021*
  - Prepared and executed lesson plans for discussion sections and labs of 5-30 students.
  - Created and reviewed course content including exams, labs, homeworks, and discussion worksheets.

Group Tutor   *January 2020 - May 2020*
  - Teaching students of an advanced data science class through helping them in office hours and grading homework.

UC Berkeley Intercollegiate Athletics Facility & Event Management - *Student Assistant*   *February 2018 - May 2021*
  - Maintained the general upkeep of athletic facilities by organizing team and fan spaces for scheduled events.

The Baird Community Center, South Orange, NJ - *Office Staff and Gate Attendant*   *March 2015 - August 2019*
  - Enforced town policy by selling pool memberships, verifying documentation, and processing activity enrollment.

PROJECT EXPERIENCE

Undergraduate Research Assistant

UC Berkeley Center for Community Innovation, Terner Center for Housing Innovation   *Summer 2020 - Summer 2021*
  - Co-authored a policy brief promoting CA Senate Bill 1120, allowing for increased density in residential areas.
  - Aggregating and analyzing large datasets (ZTRAX, Infogroup) for projects on housing 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 - Spring 2021*
  - 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 visualizations of bat swing data.

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.

PERSONAL PROJECTS

u/cbbBot   *January 2017 - Present*
  - Developed a Python script that automates the timely creation of college basketball game discussion Reddit threads.

SKILLS

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

Courses: Introduction to Machine Learning; Principles & Techniques of Data Science; Data, Inference, and Decisions;
Concepts of Statistics; Concepts of Probability; Stochastic Processes; Time Series; Algorithms for Data Science