

# Kunal Dutta

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## CAMPUS EXPERIENCE

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### Data 8 Course Staff | Berkeley, CA

#### Academic Intern

January 2019 - Present

- Responsible for helping guide students through two-hour data science labs in the Foundations of Data Science course
- Provide assistance on statistical and programming homeworks and large projects through use of the Python datascience module

### Sports Analytics Group at Berkeley | Berkeley, CA

#### Data Journalist

January 2019 - Present

- Wrote monthly articles using statistical data and modeling about notable trends in sports
- Learned about statistics and analytics in a sports context

### Statistics Undergraduate Student Association | Berkeley, CA

#### Career Exploration Committee Member

January 2019 - Present

- Worked with Kaggle datasets to apply concepts of linear regression and neural networks to scenarios
- Completed team project, using basic machine learning to predict adoption rate of animals based on various features

## PROFESSIONAL EXPERIENCE

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### Prep2Prep Sports | San Jose, CA

#### Sports Journalist and Statistician

June 2016 - Oct 2018

- Took statistics for assigned high school athletic contests across Central Coast Section
- Wrote articles, interviewed athletes/coaches, took pictures and published articles within 1 hour of end of gametime
- Published in San Jose Mercury News Sports section and Prep2Prep.com

### Mathnasium - The Math Learning Center | San Jose, CA

#### Mathematics Instructor

June 2017 - May 2018

- Taught students grades K-12 mathematics at their respective levels with goals to improve mathematical maturity and rise ahead of their grade-level
- Organized lesson plans for students over a one hour teaching interval
- Tracked progress of students and determined milestones for each of my students

## TECHNICAL PROJECTS

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### PrivacyGuard | Berkeley, CA

#### Hackathon Project

November 2018

- Browser extension that closes incognito tabs when sensor detects the user's door opens
- Built in 36 hours at CalHacks 5.0 - I developed the application that generates a unique ID and utilized the smartphone's ability to detect magnetic fields to use as the door sensor (built in Android Studio)

## EDUCATION

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### University of California, Berkeley | Berkeley, CA

August 2018 - May 2022 (Expected)

#### Bachelor's of Arts, Computer Science, Data Science

GPA: 3.70

*Relevant Coursework:* Computational Structures in Data Science; Designing Information Devices and Systems  
Structure and Interpretation of Computer Programs; Linear Algebra and Differential Equations

## SKILLS

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**Languages:** Python, SQL, Scheme

**Skills:** Data Journalism, Android Studio, Teaching, Writing, Communication