

Anish Deshpande

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## EDUCATION:

Sep. 2022 – Jun. 2026: **University of California Los Angeles**

- **Major:** Statistics and Data Science
- **Relevant Coursework:** Multivariable Calculus, Linear Algebra, Optimization and Machine Learning, Probability and Statistics, C++ and R programming
- **Activities:** UCLA Cricket, Bruin Sports Analytics, Data Res Club
- **GPA:** 3.82

Aug 2018 – Jun 2022: **Basis Independent Silicon Valley** (High School)

- **Graduate with High Honors** (4.73 weighted / 3.92 unweighted GPA)
  - **Activities:** National Honor Society, Key Club, Cricket Coaching and Umpiring
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## WORK EXPERIENCE:

Jun 2024 – Sep 2024: **Intern at FarmX**

- Constructed and deployed a web app that would allow users to enter, edit, and delete soil moisture data stored in AWS database. Integrated visualizations of soil texture, location mapping, and regression analysis
- Developed algorithms to predict field capacity and identify root activity periods using clustering and savgol filtering on time series data of soil moisture
- Tech used: Python (pandas, numpy, matplotlib, scipy, django)

Oct. 2022 – Jun 2023: **Data Journalist at Bruin Sports Analytics**

- Produced quarterly articles surrounding the current sports atmosphere
- <https://www.bruinsportsanalytics.com/post/yankees-sixty-homers>
- <https://www.bruinsportsanalytics.com/post/cricket-ipl-evolution>

Jun. 2022 – Aug 2022: **Intern at CANA Technologies**

- Designed a python interface to talk to the CANA molecular beverage printer over serial port. Sent commands and parsed the output to display in a GUI
- Tech used: Python (PySimpleGUI, Pyserial)
- Analyzed publicly available USDA data to identify consumer's beverage spending habits and preferences. Generated reports for various consumer segments which helped CANA appropriately target consumer groups
- Tech used: R (ggplot2, Rmarkdown)

Oct 2021 – May 2022: **Student Intern at CricClubs**

- Created a predictor that would predict the winner of an upcoming cricket game using past game data such as player strengths, match location, prior team record (final model reached 74% accuracy)
  - Created a suggester to suggest teams to either bat or bowl first upon winning toss
  - Experimented with various ML multi-classification algorithms (SVM, logistic regression, XGBoost)
  - Tech used: R (tidyverse, ggplot2, shiny), SQL
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## QUALITIES / INTERESTS / SKILLS:

**Qualities:** Organized, Professional, Proactive, Attentive, Good note taker, Punctual, Collaborates well

**Interests:** Data Science and Analytics, Cricket, Physics and Mechanics, Reading, Fitness, 3D Art

**Skills:** Familiarity with Git and GitHub for collaborative work on projects

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## AWARDS / ACCOMPLISHMENTS:

- **Athletic:** Professional Minor League Cricket player, USA cricket west zone men's player
- **Academic:** Honor Roll, AP Scholar with Distinction