

# Andrew Ehrenberg

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## Education

**University of California – Los Angeles**  
*Bachelors of Science in Statistics*

**2016 - 2020**  
GPA: 3.84

Relevant Coursework – *Machine Learning, Neural Networks, Algorithms, Network Science, Probability Theory, Mathematical Statistics, Linear Models, Programming with Python, Programming with C++, Programming with R*

## Experience

**UCLA Center for Vision, Cognition, Learning, and Autonomy (VCLA)**  
*Undergraduate Researcher*

(2019 – present)

- Current work includes implementing generative models for Inverse Reinforcement Learning

**UCLA Human-Computer Interaction Lab**  
*Undergraduate Researcher*

(2018 – 2019)

- Worked with OpenCV, dlib, and other computer vision technologies to construct pipeline for human eye gaze tracking from webcam footage

**Morgan Stanley**  
*Private Wealth Management Internship*

(Summer 2018)

- Developed computer program that uses web scraping, named entity recognition, and API interfacing to automate lead generation; assisted with data migration and reporting

**UCLA Cross Country and Track & Field**  
*NCAA Division I Student Athlete*

(2017 – present)

- Developed workout regimen and trained alone to walk on highly prestigious program
- Competed at the PAC-12 Championships in first season on the team

**Computer Programming**

(2016 – present)

- **Python:** Advanced proficiency
  - Four quarters of coursework at UCLA. Skilled with PyTorch, scikit-learn, OpenCV, NumPy, matplotlib, pandas, and SciPy
- **R:** Advanced proficiency
  - Three quarters of coursework at UCLA. Skilled with data cleaning and regression
- **C++:** Intermediate proficiency
  - Two quarters of coursework at UCLA

## Extracurriculars and Awards

- PAC 12 All-Academic Second Team (*Spring 2018, Fall 2018*)
- UCLA Athletic Director's Honor Roll (*2017 – present*)
- National AP Scholar (*2016*)
- California Boys State Delegate (*2015*)