

# Andrew Ehrenberg

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## EDUCATION

### UCLA

Expected June 2020  
Statistics B.S.  
GPA: 3.83/4.0

## LINKS

LinkedIn:// andrewehrenberg  
Github:// andyehrenberg  
[andyehrenberg.github.io](https://github.com/andyehrenberg)

## COURSEWORK

### SELECTED CLASSES

Machine Learning  
Neural Networks  
Algorithms  
Network Science  
Real Analysis  
Linear Models  
Probability Theory  
Optimization for Statistics  
Data Mining  
Monte Carlo Methods

## SKILLS

### PROGRAMMING

Experienced with:

Python, R

Familiar with:

C++, L<sup>A</sup>T<sub>E</sub>X, SQL

Tools: PyTorch, Tensorflow,  
Pandas, scikit-learn,  
OpenCV

## HOBBIES

Backpacking, Cycling, Rock  
Climbing, Playing guitar,  
Photography

## EXPERIENCE

### UCLA ACM AI

November 2019 - Present | Los Angeles, CA

- Working with a team to compete in the Facebook AI Deepfake Detection Challenge

### UCLA TRACK & FIELD | NCAA Student-Athlete

August 2017 - Present | Los Angeles, CA

- Training up to 25 hours per week while maintaining a full course load
- Competed in the PAC-12 Championships in both Track and Cross Country

### UCLA VISION, COGNITION, LEARNING, AUTONOMY LAB

March 2019 - June 2019 | Los Angeles, CA

- Tested generative models for Inverse Reinforcement Learning using highway simulations
- Debugged an implementation of Generative Adversarial Imitation Learning

### UCLA HUMAN-COMPUTER INTERACTION LAB

October 2018 - February 2019 | Los Angeles, CA

- Worked with OpenCV, dlib, and other computer vision packages to construct a pipeline for eye gaze tracking

### MORGAN STANLEY | Intern

June 2018 - September 2018 | Menlo Park, CA

- Wrote software that uses web scraping, named entity recognition, and API interfacing to automate lead generation

## AWARDS AND EXTRACURRICULARS

**UCLA Data Science Union** | 2019 - Present

**UCLA Athletics All-Academic Team** | 2019

**PAC 12 All-Academic First Team** | 2019

**California Boys State Delegate** | 2015

**Lead Singer, Guitarist in a Band** | 2007 - 2012