

# Cole Striler

Data Scientist · Bachelors in Data Science

colestriler@berkeley.edu | <https://colestriler.me> | Social: @ColeStriler

## About Me

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**Programming** Python · Java

**Analytics** R · SQL · Excel

**Web/Media** HTML/CSS/Javascript · Photoshop · Illustrator · Premiere Pro

## Internship

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### NASA

*Stennis Space Center, MS*

DATA SCIENTIST

May. 2019 – Aug. 2019

- Presented multiple analyses from seven datasets containing mishap data from rocket engine testing
- Implemented a time-series forecasting model for high risk incidents involving Hydrogen, Nitrogen, and TEA-TAB
- Identified features that cause Type A or Type B mishaps (death, serious illness or injury, hospitalization, damage of over \$500,000) during the stages preceding an engine test
- Worked with and received guidance from NASA's lead data science team at headquarters in Washington D.C.
- Built data pipelines and dashboards for future analysis as more data is collected over time

### Xuxa Socks

*San Diego, CA*

CO-FOUNDER & CEO

Jan. 2011 - May. 2019

- Raised seed funding at age 13 and started a private label sock brand targeting the off-road racing industry
- Implemented the product development lifecycle to successfully develop, deploy, and manage new sock designs
- Established two sock factories, one in Guangzhou, China and one in Korea, to ensure low manufacturing costs
- Imported 30,000 pairs of socks annually and distributed them throughout the United States
- Ran televised commercials on MAVTV and received exposure in two production movies: Dirt (2018) and Bennett's War (2019)
- Sponsored some of the biggest names in off-road racing, including Ricky Johnson, Tanner Foust, and Jeremy McGrath

### Committee on Student Fees, UC Berkeley

*Berkeley, CA*

FINANCIAL ANALYST

Jun. 2016 - Aug. 2018

- Interviewed campus departments and reviewed their budgets to determine the financial stability of the organization
- Recommended an increase/decrease/maintain of school funds for each department to Chancellor Nicholas Dirks

### Macau Education Center

*Macau, China*

DATA ANALYST

Jul. 2017 - Aug. 2017

- Cleaned and analyzed student profile data to identify which students are most likely to enroll in courses
- Presented weekly findings to curriculum designers to help them design a new STEM course for prospective students

## Projects

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### 1on1Tours.com, Co-Founder

- Created a web service platform for high school students to experience what it's like to be a student at UC Berkeley

### NYC Taxi Rides

- Built a data pipeline and a model that closely predicts NYC taxi ride durations

### Marketing to Americans, Co-Author

- Co-authoring a book with my dad to teach domestic and foreign businesses how the modern American consumer thinks

## Education

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### University of California, Berkeley

*Berkeley, CA*

BACHELORS IN DATA SCIENCE

Aug. 2016 - PRESENT

- Treasurer of Alpha Tau Omega