

Samuel R Radack

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EDUCATION

University of Colorado-Boulder, Boulder, CO — *Master of Science*

January 2020 - May 2021

- ❑ Department: Applied mathematics with a focus in data science and statistics

University of Wisconsin-Madison, Madison, WI — *Bachelor of Science*

September 2017 - December 2019

- ❑ Major: Economics with a mathematical emphasis

EXPERIENCE

The Institute of Arctic and Alpine Research, Boulder, CO — *Graduate Research Assistant*

August 2020 - Present

- ❑ Creating data visualizations in Tableau and R Shiny with carbon emission data from FileMaker in an effort to discern which extracted samples should be measured

Greylock McKinnon Associates, Washington, DC — *Litigation Consultant Intern*

June 2019 - August 2019

- ❑ Created data visualizations in SAS of two decades worth of opioid data to rebut the defendant's arguments within their expert reports
- ❑ Investigated and identified the root cause of a significant difference between the data of the plaintiff and defendants through the use of Stata
- ❑ Researched economic articles to ensure the accuracy and clarity of claims made in our expert's report
- ❑ Dissected and analyzed DEA and FDA data to discern long-term, aggregate pharmaceutical promotion and sale patterns
- ❑ Recreated defendant code in R to assist the firm in understanding the data manipulation of an opposing analyst

INDEPENDENT PROJECTS

Discerning Premier League Attacker Values

June 2020 - September 2020

- ❑ Scraped player market value and season statistics data from *Transfermarkt* and *FBref*
- ❑ Created a statistically significant model using logistic regression to approximate player values according to their on-field contributions

SKILLS

Python
R
Stata
SAS
MySQL
Tableau
QlikView
Java
Microsoft Office

INTERESTS

Athletics: Ultimate Frisbee, Hiking, Climbing

Data Science: Sports Analytics (Baseball, Basketball, Soccer), Machine Learning, Deep Learning, Bias in Algorithms

LANGUAGES

Spanish
(conversational)