

ADAM RICHMAN

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PROFESSIONAL SUMMARY

Emerging data scientist with hands-on expertise in statistical analysis, machine learning, and data visualization from academic projects. Proficient in Python, SQL, and visualization tools including Jupyter and Tableau. Analytical background in cognitive science and linguistics provides a unique lens for data analysis. Focused on applying technical skills and teamwork to tackle data-driven challenges.

EDUCATION

University of Denver - Denver, CO

Expected in 08/2025

Master of Science: Data Science

Google User Experience Design (Coursera) - Online

11/2021

Certification

University of Rochester - Rochester, NY

05/2021

Bachelor of Arts: Brain & Cognitive Sciences; Linguistics

Minor: Philosophy

- Dean's List
- Honor Roll
- Hillel at UR President

SKILLS

- Programming languages: Python, SQL, R
- Development environment: Jupyter Notebook
- Data visualization: Tableau, Power BI
- Soft skills: Problem solving, communication, critical thinking, leadership
- Data analysis tools: Pandas, NumPy, Scikit-learn, Matplotlib
- Statistical analysis and machine learning
- Office software: GSuite, Office 365

WORK HISTORY

Senior Software Quality Operations Associate | Waymo - Novi, MI *06/2022 - 10/2023*

- Contracted Employee provided by ICONMA June 2022-July 2023 & Cognizant July

2023-Oct 2023

- Analyzed autonomous driving data, refining self-driving behavior through simulations.
- Identified and analyzed trends in simulated driving data.
- Triaged test anomalies and ensured high-quality data collection.

Shift Supervisor & Barista | Starbucks - Holland, OH

10/2021 - 04/2022

- Managed team operations for approximately 30 teammates, optimizing workflows for efficiency and productivity.
- Developed problem-solving and conflict-resolution skills among team members.

Undergraduate Research Assistant | University of Rochester - Rochester, NY

Quantitative Semantics Lab

04/2020 - 05/2021

- Conducted quantitative linguistic analysis using Python and statistical models.
- Built and maintained a dataset of 450+ linguistic entities.
- Co-authored a research paper on uncountable noun classification.

Undergraduate Teaching Assistant | University of Rochester - Rochester, NY

Brain & Cognitive Sciences Department

01/2020 - 12/2020

- Created and graded assessments for 100+ students.
- Led workshops on data interpretation and statistical reasoning.

PROJECTS

Healthcare Data Analysis

- Developed a predictive model for patient outcomes using machine learning techniques on healthcare datasets (Python, Jupyter, Matplotlib, Seaborn).

Stroke Prediction Analysis

- Built a model to assess stroke risk using logistic regression and random forests; visualized key risk factors (R).

Humane Society Database Analysis

- Designed an SQL database to track animal intake and adoptions; optimized queries for trend reporting.

Statistical Insights into Animal Control

- Analyzed animal shelter data using T-tests, Wilcoxon, and Chi-Square; identified factors impacting adoption and euthanasia (R).

PUBLICATIONS

Scott Grimm, Ellise Moon, & Adam Richman. 2021. Strongly non-countable nouns: Strategies against individuality. In Mojmir Dočekal & Marcin Wągiel (eds.), Formal approaches to number in Slavic and beyond, 57-81. Berlin: Language Science Press. DOI: 10.5281/zenodo.5082454