

Anna Leoni

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EDUCATION

University of Denver, Ritchie School of Engineering and Computer Science Expected Graduation: August 2025
Masters in Data Science — 4.0 GPA
Denver, CO
Relevant Courses: Deep Learning, Topics - Artificial Intelligence, Machine Learning

Colorado State University January 2021 — August 2022
Courses: Single and Multivariate Calculus, Linear Algebra
Online

Whitman College September 2013 — May 2017
Bachelor of Arts in Spanish, Minor in Biology
Walla Walla, WA
IES Spain Study Abroad Spanish immersion (Fall 2015, Granada, Spain)

SKILLS, AWARDS & CERTIFICATIONS

- Programming Languages: **Python, R, SQL (MySQL)**
- Machine Learning & Data Science: Scikit-Learn, TensorFlow, Pandas, NumPy, Matplotlib
- Data Collection: Web Scraping (BeautifulSoup, Selenium, Chromedriver), API Data Fetching
- Tools: Jupyter Notebooks, **Git, GitHub**
- Awarded the Ritchie Data Science Graduate Impact Scholarship

ACADEMIC PROJECTS

Electric Vehicle Charging Network in Python

- Data collection (web scraping and API), collaboration with partner company, EDA. Preparing to build predictive model to optimize future station placement

Exploring Trends in Agricultural Commodities and Natural Disasters in Python

- Data pre-processing, exploratory data analysis (EDA), feature engineering

Modeling Sami Reindeer Herd Sizes in Finnmark, Norway for Environmental and Human Impacts in R

- Predictive analysis using Partial Least Squares regression to forecast herd size

LEADERSHIP

Officer, Machine Learning Enrichment Association (University of Denver) August 2024 — Present

- Co-founded a student-led machine learning club, collaborating with alumni and industry professionals
- Researched and created presentation content, leading workshops on **data science** and machine learning topics

PROFESSIONAL EXPERIENCE

Associate Team Leader, Buyer, Trainer June 2020 — November 2023
Whole Foods Market Denver, CO

- Achieved an average positive 8.88% comp YoY in perishables sub team as Buyer with **forecasting model** (multiple regression), organization and merchandizing skills
- Reduced missing on-shelf product statistic (INF) by 52.4% by designing and implementing **load balancing** strategy
- Saved department 3-4 hours of counting inventory by creative use of application
- Maintained a 3.5 GPA in Calculus, Linear Algebra, and Python while working full time

Quality Control Technician July 2019 — March 2020
UCANN Golden, CO

- Created KPI reports using Excel to monitor and track lab metrics
- Earned lab ISO9001 Certification with Quality Control Team and co-authored and implemented SOPs

Health Tech Paraprofessional September 2017 — May 2018
Creativity Challenge Community, Denver Public Schools Denver, CO

- Administered medicine and food twice daily to student with feeding tube
- Aided school nurse with managing students' diabetes and minor student injuries