

# 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, Parallel & Distributed Computing

**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
- Certified Emergency Medical Technician (EMT) 2017

## 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

## 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 novel 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

## LEADERSHIP & ACTIVITIES

**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

**Volunteer, Workaway** (Europe) May 2018 — June 2019

- Agriculture systems: traditional Sami Reindeer herding (Norway), alpine irrigation and shepherding (Switzerland)