

Drew Herron

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📍 Portland, OR

🌐 Website

🌐 LinkedIn

🐙 GitHub

EXPERIENCE

Data Project Assistant

Energy Trust of Oregon

July 2019 – September 2021

Portland, OR

- Led data cleanup projects including merging duplicates, updating classifications, and reorganizing hierarchies
- Developed and maintained Power BI reports for tracking data quality, year-end QC, and database health
- Created SQL queries and R programs to analyze and deduplicate data across CRM and database systems
- Collaborated with DBAs to improve database structure and establish business rules for CRM entity classification
- Wrote technical documentation for data merging procedures and contributed code snippets for SQL, R, and DAX

Business Intelligence Developer

WE Communications

September 2016 – January 2019

Portland, OR

- Helped plan data collection strategies to measure press coverage and public relations impact
- Extracted, manipulated and transformed data using a variety of BI methods
- Conducted analysis of data using such tools as Excel, Power BI, SQL and Python
- Responsible for the creation of visualizations/infographics to convey data clearly and succinctly
- Discovered actionable insights from data trends and drafted detailed reports for clients

Cryptologic Linguist

United States Air Force

December 2008 – December 2013

Clearance: Top Secret // SI

- Led a team of 30+ translators providing support to US forces deployed abroad
- Developed and implemented new methods for tracking productivity and collection data
- Facilitated collaboration between multiple teams and organizations
- Trained and qualified new employees in intelligence processing methods
- Maintained DLPT level 3/3 proficiency in both Arabic and German

EDUCATION

M.S. Computer Science

Portland State University

December 2024

Portland, OR

- Concentration: Artificial Intelligence & Machine Learning
- GPA: 4.0; Honor Society of Phi Kappa Phi

Full Stack Bootcamp

PDX Code Guild

2019

Portland, OR

B.A. International Studies

University of Oregon

June 2006

Eugene, OR

- Concentration: Diplomacy & International Relations
- Year abroad: University of Heidelberg, Germany

SKILLS

- **Programming Languages:** Python, C, C++, Lisp, SQL, JavaScript, HTML, CSS
- **Tools & Technologies:** Linux, Git, Docker, NLTK, PyTorch, TensorFlow, pandas, NumPy, scikit-learn, LangChain
- **Data Systems:** Data Engineering, Database Design, Query Optimization, Data Structures, Data Quality
- **AI & Analytics:** Natural Language Processing, LLMs, Deep Learning, Sentiment Analysis, Agentic AI, RAG
- **Languages:** English (Native), German, Arabic, learning Portuguese