Robert **Enzmann**

ML ENGINEERING · US CITIZEN

Boston, MA

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Summary

Sr. Data Scientist with a track record of empowering data science teams to build robust software and run faster as a result. I specialize in the gap between business analytics and software engineering to help both teams deliver more value together.

Work Experience

CVS Health - Analytics & Behavior Change
Wellesley, MA

SR. DATA SCIENTIST
Aug. 2022 - Present

- Implemented a BigQuery dataset with machine learning features supporting over $100 MM of revenue through targeted member-level marketing materials and plan sponsor acquisition & retention.
- Led technical design and implementation of a retrieval-assisted generative chat web application that indexed hundreds of unstructured documents (word, ppt, pdf) and assisted sales representatives in accurately presenting and selling Aetna's products to its 14.5 million commercial members.
- Wrote and instructed an interactive "Let's Git Going" course for internal use that brought 50+ developers to a professional level using the Git version control system.

N1 Health (formerly Algorex Health Technologies)
Boston, MA

SR. DATA SCIENTIST
Mar. 2021 - Aug. 2022

- Principal developer of the internal Python software development kit, reducing the environment setup time from 45 minutes to 30 seconds and increasing net-new developer throughput by 50%.
- Implemented automatic scaling and shutdown for data science architecture, saving $40,000 annually and reducing on-boarding time from 3 days to 15 minutes.
- Led modeling of COVID-19 vaccine adoption rates for 3,500 vulnerable members around the greater Boston area, leading to targeted outreach recommendations.

antuit.ai
Frisco, TX

DATA SCIENTIST (PRICING AND MARKETING)
Sep. 2017 - Mar. 2021

- Wrote an optimization algorithm for strategic pricing of consumer healthcare products in 11 countries, modeling more than $5Bn in revenue across 8 product categories per country.
- Created ETL pipelines that prepared 1+ TB consumer healthcare product sales for a data warehouse. I also designed over 50 custom views in the warehouse that reduced the average data scientist query time from 5 minutes to a few seconds and reduced the team's query costs by 80 percent.
- Modeled customer churn and lifetime value for over 1 MM members for an international medical cosmetics provider.

Core Skills

Tools & Languages

I DABBLE IN MANY OTHERS - BUT THESE ARE MY BREAD & BUTTER

- Python and all its messy history of packaging systems - pip, conda, poetry, pipenv, ...
- GNU/Unix: Git, Bash, Make, SSH
- SQL: Google BigQuery, AWS Athena, PostgreSQL, SQLite
- Enough HTML, CSS, JavaScript, Go, Markdown, LaTeX, and Org to get my personal website and this resume up and running.

Tech Stack

WHERE AND HOW I'VE DEPLOYED THINGS

- Azure, AWS, Google Cloud Platform
- Databricks, SageMaker, Docker, Terraform, Jenkins
- Jekyll, GitHub pages, and GitHub actions for my personal website.

Education

Miami University
Oxford, OH

MASTER OF MATHEMATICS
Sep. 2011 - May 2017

- Master's topic: *The Container Method for Triangle-induced Hypergraphs*
- 2017 Journal award

Miami University

B.A. Music

- 4-year music scholarship.
- Focus in music technology, recording, and audio acoustic design.