

# Matan Itah

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## Leadership and Work Experience

### **Healthee - Data Scientist 7/2025-1/2026**

- Given end-to-end ownership of “The Driller”, a specialized AI healthcare contract-analysis pipeline. I created a custom benchmarking/evaluation framework to analyze ground-truth made by human analysts, and compare it with the outputs of several different pipelines to select the winner and ultimate inference pipeline.
- Deployed components of the pipeline single-handedly in Kubernetes and Sagemaker, as well as an evaluation dashboard which enabled failure modes analysis and collaboration with the business. Also made use of tools like Kafka, NVIDIA NeMo, and a GPU-deployed cross-encoder to improve pipeline performance, token efficiency, and ROI.

### **The Cigna Group - TECDP Lead Analyst 7/2023-7/2025**

- Leading the research and deployment of advanced AI/ML techniques including Retrieval Augmented Generation (RAG), agentic reasoning, knowledge graphs, GANs, VAEs, and fine-tuning large language models for query generation tasks, a declarative framework for generating knowledge graphs from business data, conducting R&D on synthetic data generation techniques, and working on a metadata generation tool.
- Spearheading rapid development initiatives to prove out AI/ML tools and techniques to business stakeholders.

### **Golden Tree Asset Management - Alternative Data Intern 6/2022-8/2022**

- Collaborated within the Alternative Data team to source and analyze diverse datasets, supporting strategic investment decision-making in sectors ranging from amusement parks to political spending.
- Developed predictive models and forecasts through financial data analysis, contributing to investment insights for the analysts on the trading floor.

### **Amazon - Software Development Intern 6/2021-9/2021**

- Owned key components of a backend development project aimed at reducing the resolution time of critical infrastructure issues through data collection and analysis.
- Engaged in collaborative design sessions with senior engineers, contributing to system refinement and optimization.

## Education

**UC San Diego** - Bachelors in Mathematics & Computer Science

## Skills, Languages, Licenses and Hobbies

- **Human Languages:** English, French, Hebrew, Spanish
- **Personal Projects:** Emergant, Evolvium, and many more. Available on [Github](#).
- **Certifications:** Emergency Medical Technician, AWS Certified Cloud Practitioner