

Matan Itah

itah.matan@gmail.com

Leadership and Work Experience

The Cigna Group - TECDP Lead Analyst 7/2023-Present

- Lead the research and implementation of advanced AI/ML techniques including Retrieval Augmented Generation (RAG), agentic reasoning, knowledge graphs, GANs, VAEs, and fine-tuning large language models.
- Manage multiple data science projects, such as developing a declarative framework for generating knowledge graphs from business data and conducting R&D on synthetic data generation techniques.
- Spearhead rapid development initiatives to prototype and market data science tools and methodologies 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.
- Developed predictive models and forecasts through financial data analysis across various sectors, contributing to investment insights.

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.

RSN Interiors - Construction Worker 6/2020 - 9/2020

- Acquired hands-on experience in both residential and commercial construction, including demolition, carpentry, framing, and sheetrock installation.
- Developed a strong work ethic and a versatile set of practical skills applicable to team-based projects.

Education

UC San Diego, San Diego, CA

- Bachelors in Mathematics & Computer Science
- Cumulative GPA: 3.44

Skills, Languages, Licenses and Hobbies

- **Programming Languages:** Python, Terraform, Java, C/C++, Typescript + JS, HTML/CSS
- **Human Languages:** English, French, Hebrew, Spanish
- **Certifications:** AWS Certified Cloud Practitioner
- **Hobbies and Interests:** Yoga, Mixed Martial Arts, Flow Arts, Piano/Guitar, Writing