

Tali Laifer

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Technical leader who brings creative solutions to meaningful, complex problems. Excellent communicator & documenter. Passionate about working on things that bind us together and bring us forward: energy, food, art, healthcare, transportation, and technology.

Professional Experience

C3 AI – Chicago, IL | Santa Monica, CA Apr. 2019 – Present

Manager, Solution Engineering | May 2022 – Present

Sr. Forward Deployed Engineer | May 2021 – May 2022

Forward Deployed Engineer | April 2019 – May 2021

- Engineering lead for engagements across energy, financial services, and manufacturing use cases, with a focus on technical specification & design, data modeling, data pipeline & app development, data engineering, AI/ML model deployment.
- Empathetically manage a team of 12 engineers, providing day-to-day mentorship along with big-picture career planning.
- Oversee success of all AI solution engineering applications for C3 AI financial services customers.
- Led re-architecture of all C3 AI applications for one of the largest treasurers in the US; wrote data pipeline to process 2GB daily financial data and make 10k predictions daily (TCV: \$18M & enterprise value: \$100M)
- Enhanced the C3 AI energy management application with key features like peak demand forecasting, resource forecasting, data cleaning, asset analytics, and a sustainability dashboard, for an energy services customer (TCV: \$16M).
- Led custom development of a credit data application that performs financial spreading on unstructured .pdf & .xlsx documents via multi-step ML pipeline and unifies financial data into one dashboard, for a fintech customer (TCV: \$10M).
- Drive internal initiatives that foster collaboration, informal communication, and improve workforce planning.

LuminAID – Chicago, IL

Oct. 2018 – Mar. 2019

Supply Chain & Product Manager (contract)

- Wrote Python code to automate inventory reporting for three key warehouses, built company's first inventory forecasting model and dashboard to monitor SKU health using Python & Airtable.
- Created manufacturing schedules and oversaw product development for two Chinese factories.

Epic Systems – Verona, WI

Sep. 2015 – Mar. 2018

Application Manager | July 2017 – March 2018

Technical Services | September 2015 – March 2018

- Provided technical and interpersonal guidance to 5 customer project teams; diagnosed and resolved 300+ technical issues.
- Implemented hospice application at Montage Health in Monterey, CA managing \$500k budget and 2 team members.
- Developed API features in M, including improved reporting capability and flexible retrieval of hospice orders.

Education

Master of Computer Science

May 2022

University of Illinois Urbana-Champaign – Online GPA: 4.0 / 4.0

Relevant courses: Distributed Systems, Database Systems, Deep Learning for Healthcare, Statistical Modeling, Scientific Visualization

Projects: [recipe recommendation](#) (PostgreSQL, MongoDB, Flask, React), [ALPACA \(clinical diagnosis prediction\)](#) (PyTorch)

BA Philosophy, minors in Computer Science, Environmental Policy

June 2015

Northwestern University – Evanston, IL

GPA: 3.69 / 4.0

Relevant courses: Data Structures, Computer Systems, Algorithms, Databases | Ancient, Modern, & Political Philosophy, Existentialism

Awarded research grant to study agriculture, food policy, and the viability of urban farming projects within food systems

Skills & Interests

- **Software Languages:** Skilled in JavaScript, Python, SQL. Familiar with R, C++, Java, HTML/CSS, M
- **Software Knowledge & Tools:** GitHub, Bitbucket, PostgreSQL, MySQL, MongoDB, Neo4j, Cassandra, AWS, Azure, GCP, Docker, K8s, Jenkins, Jira, PyTorch, Pandas, React, Redux, Flask, Power BI, JMeter
- **Things I enjoy:** reading, hiking with my dog Mobie, cooking with my wife, cycling, philosophy of mind, boxing, word games