Tal Peretz — Engineering Manager

Experienced leader with a passion for growing teams of engineers, data scientists, devops, and ship crafted products blazingly fast. 10+ years of hands-on experience in building machine learning models, scalable web applications, APIs, data pipelines, and streamlining complex workflows.

Experience

Engineering Manager
October 2019 – October 2022
Magical

- Led a team of 7 engineers to design, develop, and launch a new product.
- Mentored and coached individual team members to improve their technical and leadership skills, resulting in 3 promotions and 4 high-performance reviews.
- Developed and implemented a talent acquisition strategy that resulted in a 300% increase in the number of senior engineers hired.
- Achieved a 3x improvement in cycle time by introducing git-based preview environments, and shortened product feedback loops.
- Led the implementation and oversight of CI/CD, feature toggles, task and bug management, monitoring, logging, security, and compliance processes.
- Collaborated with the CEO, product manager, and other stakeholders to direct the product vision, strategy, and delivery, successfully launching new and innovative features.
- Voted #1 product of the day for our product through the support of our 40,000-member community.
- Launched an internal weekly email/slack newsletter to keep the engineering team on top of the latest technologies and industry trends.

Staff Data Scientist
September 2018 – August 2019
Simplex

- Improved the core machine learning models by optimizing the algorithm, training method, and features.
- Increased E-commerce fraud detection precision by 17% and recall by 4%.
- Increased crypto fraud detection precision by 24% and recall by 18%.
- Designed and developed an end-to-end model serving API from scratch.

Staff Data Scientist
June 2017 – August 2018
Panorays

- Automated a core flow by developing a performant workflow engine to allow us to scale.
- Developed the Data Pipeline from the operational DB to the Data Warehouse from scratch.

Data Science Manager
October 2015 – April 2017
Elite Tech Unit, Air Force

- Hired and led a team of 6 brilliant data scientists.
- Pioneered the field of data science in the air force through strategic research and innovative data products such as drone predictive maintenance and aircraft classification.
- Launched a multi-unit data hackathon to empower innovation and collaboration.

BE Engineer
April 2013 – October 2015
Elite Tech Unit, Air Force

- Designed and built a high-scale, real-time distributed system for air traffic controllers and maintained high-performance interfaces.
- Managed the collaboration of internal and external stakeholders to achieve project goals.

Contact

- Los Angeles, CA (Open to Remote)
- +1-213-595-1211
- talperetz24@gmail.com
- linkedin.com/in/talper
- github.com/talperetz

Skills

Agile Methodologies, Scrum, Project Management, Strategic Planning, Continuous Improvement, Decision Making, Mentoring, Product Development, Data Storytelling, Research, Presentation, Shape-up

AWS, GCP, Docker, Kubernetes, DevOps, Machine Learning, Web Development, Python, SQL, Java, Javascript, React, Flask, Celery, RabbitMQ, Redis, Data Analysis, SciPy stack, BigQuery, Hadoop, Microservices, Linux, ElasticSearch, Preview Environments, Feature Toggles, No-Code, Atlassian Stack, APIs, DataPrep, Pub-Sub

Education

Tel Aviv University
MBA
Technology Management
September 2014 — July 2016

Ben Gurion University
Bachelor of Science
Computer Science & Mathematics
September 2010 — July 2013

Flight Academy
2010 — 2013

Awards

1st Place
Taboola CTR Hackathon

1st Place
DataHack Hackathon

Certificate of Excellence
Israeli Air Force