



Yair Shinar

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Profile Summary

- Results driven Manager 10 years of experience leading and increasing growth in hi-tech corporate and startups environment skilled in:
 - **ML Deep Learning** (Pytorch, Tensorflow, Keras)
 - **Computer Vision** Recognition, Motion Analysis (Python, Pandas, NumPy, PIL, OpenCV, SK-Image, PCL, C++)
 - **NLP** Morphological, Synthetical, Lexical (NLtk, Textblob, Spacy, SK-Learn, LSTM, Shapely)
 - **Data Analysis and Engineering** (EDA, Data Modeling, ETL Pipelines, Google Analytics, PySpark, Azure DataBricks, Air Flow) in MS-SQL/MongoDB/PostgreSQL/MySQL and Presentation **Visualizations** (Tableau/Spotfire) on **Cloud** (AWS, EC2, Lambda, VPC, S3, ECR, API-GateWay, SNS, RDS, SageMaker), **CI/CD** (Docker, Jenkins, Ansible, Terraform)
 - **Project Management and Version Control** (Jira, Git, Bitbucket, TFS, TargetProcess, Monday)
 - **Full Stack** (JavaScript, TypeScript, HTML 5, React 16, Angular 16, C#, VB, Redis, WCF, WPF, .Net Core, Web Api CSS)
- *I am an autodidact, that can take a project **from inception to delivery**, using analytical skills to identify and provide structured and automated **algorithmic solutions** for business needs to enhance company growth*
- *I consider myself a **strong communicator**, influencer and cross department collaborator that leads projects*
- *I've done **recruiting**, budgeting and risk management, finance and **project operations management***

Professional Experience

2023 – 2024 | Development Manager (Regulation Project), Israeli Ministry of Agriculture

- **Led 4 Scrum Teams** (16 members) in complex technological project. Ensuring high performance. Goal achievement. Product quality. Coordinated timelines and goals for dozens of technical staff
- Improved **workflows**. Reduced bug resolution times. Enhanced cross-departmental collaboration
- **Recruited**. Trained. Mentored staff while driving motivation
- Managed software installations. System logging. **Version control**. Ensuring seamless operations
- Addressed critical bugs. **Collaborated** with IT, System, DevOps, DBA, Integration, and Security teams

2021-2022 | Data Scientist (Time Series, Tabular Data), Perion Network

- **Reported** to the **VP R&D** of CIQ (a Perion Company)
- **Designed** and Executed an **AI model** that increased profit, by inferring time of cut-off for ad campaigns
- **Prioritized** and Managed the Project's Goals and **Deliveries**, **Reducing Time to Production**

2021 | Data Science Manager (Time Series, Tabular Data), Mobideo Technologies

- **Reported** to the **Founder** (CTO)
- **Responsibility** and **Inception** of 5 simultaneous projects: Analytical DB Reform, End of Unit & System Predictive Analytics, Schedule Quality Grade, Critical Path Analysis & corresponding BI Dashboard Reports
- **Regulated Protocols** and Best Practices for **5 team members** that led to increased order and less problems saving stress and double work, **Supervised** Fulfillment and **Schedule**

2020-2021 | Data Science Manager (NLP, Textual Data), Blyond

- **Elicited** Requirements and **Interpreted to Goals** from the **CEO** and **VP**

- **Designed** the **AI NLP Engine** POC Product Solution which was used in Demonstrations for Fund Raisings
- **Managed 4 team members** Trained and **Mentored** Employees, **Dealt** with Employee **Performance** Issues

2018-2020 | Data Scientist (Computer Vision, Images Data), White Raven

- Modified and **Trained a Recognition CNN based on VladNet**, a Multi Label Classification CNN based on Resnet in Pytorch, Tensorflow (v. 1) and Keras
- Created Point Clouds from Raw Camera data using Triangulation and Geo-Verification
- **Created SFM/SLAM Pipeline** based on HF-Net and slam based on Orb and Sift/Surf/Superpoints/HOG pipeline using online and offline data that was used in Demos for potential clients
- Applied Segmentation NNs, **Utilized CV Algorithms** such as Optical Flow, PCA, Lucas-Kanade, Mean Shift, Kalman filter, SVM, KNN, Naive Bayes, Image Processing, Pattern Recognition
- Under guidance by PhD and MSc Colleagues

2017-2018 | Lead Developer Full Stack, Matrix

- **Lead Developer** on Dynamic CRM High Profile **State National Project** that is used everyday
- **System Analyzer** that **Designed Specifications** for CRM Developers, Conducting meetings, Planning

2016-2017 | Junior Team Leader Full Stack, Q-Nomy

- **Developed** multiple **Customizations/Upgrades** to the Q-Flow **Web App** that helped manage lines in hospitals. Towards the end I **Managed 2 Full Stack Developers**, gave Pricing Offers for their time, Wrote Outline Designs for them to Implement

Military Service

Infantry, First Sergeant

Education

Bachelor's degree, Computer Science from Open University (two semesters left)

Bachelor's degree, Business Management from Ono College

LLB degree, Law & Authorized Israeli Lawyer from Ono College

More courses: MSCD - 18 months Course in Sela College (.Net technologies)

Languages

Hebrew – Native language

English – Native language