Yair Shinar - Data Science Team Lead / Data Scientist

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Profile Summary

- o **Data Scientist Team Lead** with 5 years of experience in hi-tech 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) in MS-SQL/MongoDB/Postgres and Presentation **Visualizations** (Tableau/Spotfire) on **Cloud** (AWS), **CI/CD** (Jenkins, Ansible, Terraform)
  - **Project Management and Version Control** (Jira, Git, Bitbucket, TFS, TargetProcess, Monday)
  - **Full Stack** (JS, TS, CSS, HTML 5, React, Angular 1.5/2, C#, VB, Redis, WCF, WPF, ASP, CSS)
- o *I am an autodidact, that can take a project **from inception to delivery**, analyzing, identifying and providing structured and automated **algorithmic solutions** for business needs to enhance company growth*
- o *I consider myself a **strong communicator**, influencer and cross department collaborator*

Professional Experience

2021-2022 | Data Scientist Engineer, 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 | Division Manager – Data Science, Mobideo Technologies

- **Reported** to the Founder **(CTO)**
- **Managed 4 team members** (2 Data Scientist, 1 BI Eng., 1 DBA)
- **Responsibility** and **Inception** of 5 simultaneous projects: Analytical DB Reform, End of Unit & System Prediction, corresponding BI Visual Reports, Schedule Quality Grade, Critical Path Analysis
- **Regulated Protocols** and Best Practices that led to increased order and less problems saving stress and double work, **Supervised** Fulfillment and **Schedule**

2020-2021 | Team Lead - Data Science, BIyond

- **Lead 3 Team Members** (1 Data Scientist, 1 Data Eng., 1 external part time Senior NLP DS)
- **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
- **Trained** and Mentored **Employees**, **Dealt** with Employee **Performance** Issues

2018-2020 | Data Scientist (Computer Vision), 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 and more
- 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 (currently studying)

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