Yaniv Kfir

INFORMATION SYSTEMS ENGINEER

☐ 054-5830877 | ✉ yanivkfir@gmail.com | ⌂ https://yanivkfir.github.io/ | in www.linkedin.com/in/yaniv-kfir

Skills

Information systems	Tafnit ERP, FSM,CRM
Programming	Python, C++
Database	MySQL,PostgreSQL,MongoDB
Python framework	Django,Pandas,NumPy,matplotlib,sci-learn,PyTorch,TensorFlow
Modeling	UML, OPM
Misc	Natural Language processing (NLP), Machine learning, Linux shell scripting, Matlab, Microsoft Project
Languages	English, Hebrew,Russian

Experience

Information Systems engineering
Haifa

OPERATE
2020 - Currently

- Project management from inception to implementation
- Analyzing customer requirements
- Translating requirements to a system requirement document
- Testing the newly developed systems to assure quality
- Integrating new system into the organization, conducting personalized and group training for staff regarding the operating system. Including writing manuals and creating instructional videos
- Writing python program to automate job processes
- Providing general technical support for any of the many information systems we used within the organization, including CRM, ERP, FSM, logistics, Salary&HR and financial
- Working with external suppliers and customers, including creating APIs for cross-system operations
- Managing the companies B2B Portal, conducting training writing manuals and making instructional videos for customers regarding its operation
- SQL queries and report generation

Sentiment analysis based stock market prediction

PERSONAL PROJECT
2020

- Creating a program that attempt to predict stock market behavior based on online sentiment and news article analysis
- Training a natural language based machine learning algorithm to track finance related tweets on twitter and perform sentiment analysis on
- Give strong weights to publications from renown financial publications (Such as GoldmanSachs, and Bloomberg)
- Based no that sentiment analysis, create a total sentiment score for the stock in an attempt to estimate future movement
- Based on past performance, readjust weights to give better future predictions

MinervaPlus - Undergraduate project

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
2019 - 2020

- Django based web system which facilitates easy creation and management of online experiments
- Easy setup of surveys in a format suitable for Amazon's mTurk system
- Collection of mTurk replies
- Generated reports based on those mTurk replies highlighting correlation and various statistic information regarding the replies

NLP based customer support ticket system over Twitter - Course project

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
2019

- Proof of concept for a natural language processing (NLP) based support ticketing system
- The system tracked tweets aimed at @AppleSupport and used NLP to analyze and classify the tweet into predefined clustered based on the product family, product model, and issue

Education

Technion - Israel Institute of Technology)

B.SC IN INFORMATION SYSTEMS ENGINEERING
2015 - 2020

- Select courses: Database management,distributed information system,electronic commerce models,interactive intelligent systems, Organizational Behavior and Big Data,Machine Learning

Ort college

ELECTRONICS PRACTICAL ENGINEER
2008 - 2010

- Practical engineer certification, certified by the ministry of labor