Ron Fisher

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Ramat Gan, Israel

Summary

Enthusiastic Machine Learning Engineer and Data Scientist with 2 years' experience eager to contribute to team success through hard work, attention to details and excellent interpersonal skills.

Experience

Machine Learning Engineer

Phoenix Insurance Company   07/2022 - Present

- Co-developed an Automated Machine Learning (AutoML) infrastructure by integrating PyCaret, Optuna, and MLflow with AWS services, such as EC2, S3, and SageMaker.
- Oversaw the team's Git and GitHub repositories, ensuring efficient version control and collaboration.
- Contributed to AWS prototyping by implementing model deployment through the SageMaker framework.
- Developed comprehensive FastAPI functions, incorporating advanced algorithm logic and unittests for machine learning model training and deployment.
- Created a Kedro project designed for data extraction and analysis through SQL queries, working with both Netezza and Oracle databases.
- Developed a monitoring service with the Evidently and Ydata-Profiling modules, harnessing AWS computational power via AWS AppStream.

Computer Vision Engineer

Catarapp   08/2020 - 07/2022

- Contributed to a complete computer vision project lifecycle for a cataract detection application, involving data collection and processing, data analysis, as well as model training and testing.
- Created image processing algorithms leveraging OpenCV and Pillow libraries.

Skills

Python, AWS, Matlab, Github, Anaconda, Jupyter, PostgreSQL, Postman, MobaXterm, Github Copilot, Linux, Mac OS, Pycharm

Education

Biomedical Engineering

Tel Aviv University   01/2020

Majored in Signal Processing.

Final Project - Developed an ECG signal processing algorithms in Python to evaluate a patient's risk of Arrhythmia.