Ben Pinhas

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Experience

DATA ENGINEER | QUALITEST AT ELBIT SYSTEMS | JUNE 2022 - MARCH 2023

· **Algorithmics R&D Team**: Supported several ML projects, gaining deep understanding of machine learning processes.
· **Data Selection and Curation**: Managed ETL processes for dataset selection and curation for AI model training, ensuring data quality and relevance, resulting in significant model performance improvements.
· **Performance Metrics**: Conducted rigorous tests and analyses, leading to substantial improvements in key performance metrics, including F1 score and mean Intersection over Union (mIoU).
· **Data Pipeline Development**: Designed, built, and maintained efficient data pipelines for storage, processing, loading, and analysis.
· **Technical Skills**: Proficient in Python, and experienced with tools and libraries such as NumPy, pandas, OpenCV (cv2), CVAT, DataLoop, PyTorch, and SQL.
· **Version Control**: Managed source control with Git, GitLab, and GitHub.
· **Operating Systems**: Worked with Linux, Windows, and VxWorks.

QA AUTOMATION ENGINEER | QUALITEST AT ELBIT SYSTEMS | MARCH 2021 - JUNE 2022

· **Automation Testing for Real-Time Machines**: Developed and executed automation tests specifically designed for Real-Time Machines, ensuring accuracy, efficiency, and reliability in testing operations.
· **Testing Methodologies and Practices**: Proficient understanding of various testing methodologies and practices, specializing in unit testing and integration testing to ensure robust software quality and reliability.
· **Test Documentation**: Skilled in creating comprehensive Software Test Reports (STR), Software Test Descriptions (STD), and Software Test Plans (STP) to ensure thorough testing coverage and clear communication of test objectives and results.
· **Technical Skills**: Proficient in Python, and experienced with tools and libraries such as NumPy, pandas, PyQt5, TCP/UDP etc.
· **Version Control**: Managed source control with Git and GitLab.
· **Operating Systems**: Worked with Linux, Windows, and VxWorks.

AVIONICS TECHNICIAN| ISRAEL DEFENSE FORCES| APRIL 2018 - DECEMBER 2020

· **Team lead in Electronic Warfare.**

Education

BACHELOR'S DEGREE, COMPUTER SCIENCE | MARCH 2023 – PRESENT | THE OPEN UNIVERSITY OF ISRAEL