SHON SHCHORI | sshchori100@gmail.com | 0522996465 | LinkedIn | Github

MACHINE LEARNING RESEARCH ASSISTANT | DATA ANALYTICS

Industrial Engineering graduated (Data Science major), creative and motivated with strong analytical and self-learning skills. Currently, I am a Machine Learning Research Assistant with experience in Python, SQL, and other data science tools. I am seeking a Data related position to apply my expertise in leveraging data-driven insights to drive business outcomes.

PROFESSIONAL EXPERIENCE

Research Assistant | *Ariel University* | 2022 – Present
Participates in a variety of studies, including medical studies
- Leverages a range of Machine Learning tools, including scikit-learn, Hugging Face Transformers and different APIs, to analyze existing data and make predictions across diverse target variables.
- Conduct data collection, clean, and analyze to ensure high-quality data inputs for machine learning models.
- Collaborate effectively with a team of researchers, participate in regular meetings to discuss findings, and improve research methodologies.

The sound of emotions: An Artificial Intelligence Approach to Predicting Emotions from Musical Selections

Chargeback Analyst | *Justt* | 03/2022 – 08/2022
Fintech start-up that recovers lost funds for merchants due to chargebacks.
- Created and analyzed Professional Chargeback cases for global merchants.
- Handled and analyzed big datasets.

Deputy Commander of the Beersheba CID base | *IDF, Criminal Investigation Division* | 07/2016 – 01/2018
- Developed strategic plans of investigations, intelligence operations and the operational section of the unit.
- Managed, supervised, and trained 40 employees (officers, investigators, and detectives), and numerous projects in parallel.

KEY ACCOMPLISHMENTS

- Proficient in data-related programming languages including Python, SQL, and R with experience in machine learning techniques. Skilled in leveraging these tools to extract insights from complex datasets, and experienced in conducting data cleaning, pre-processing, and analysis to ensure high-quality inputs for machine learning models.
- Effectively collaborated with interdisciplinary teams, contributing to regular meetings to discuss findings, explore new approaches, and improve research methodologies. Able to leverage strong communication skills and a data-driven approach to foster a collaborative and supportive team environment.
- Strong project management skills demonstrated by successful management and supervision of a team of 40 employees including officers, investigators, and detectives in the IDF Criminal Investigation Division.
- Recognized on the Dean's List for excellence in studies during the first and second years at Ariel University.

SKILLS

- Python
- SQL
- ML & AI Coding
- R
- Data Analysis
- Data Visualization
- Microsoft Excel
- Project Management
- Big Data

EDUCATION & CERTIFICATIONS

B.Sc. in Industrial Engineering | *Ariel University* | 2020 – 2024
- *Data Science Major*
- *Advanced Data Mining and Analysis in Python*
- *Machine Learning*
- *Information Systems Design*
- *SQL*

Fundamentals of Deep Learning | *NVIDIA* | 2022
SQL for Data Science | *University of California, Davis* | 2021
Self.py & Next.py | *The Israeli Cyber Education Center* | 2020-2021
- *Python coding basics & advanced methods.*

PERSONAL PROJECTS

08/2022 – 04/2023 | Student's Information Database Web Application
- *MySQL Database that communicates with Flask and other Python libraries, creating Web applications that perform different actions such as adding, updating, and manipulating the database directly from the web.*

HONOR & AWARDS	LANGUAGES	
Dean's List | *Ariel University* | 2020-2022* For excellence in the first- and second-year's studies.*	**English** *Full Professional Proficiency*	**Hebrew** *Native Proficiency*