Sapir Asraf

Software/ Data Engineer

📱 050-403-5173 ✉️ asrafsapir@gmail.com

in https://www.linkedin.com/in/sapir-asraf-579195167/

SUMMARY

A software engineer with strong interpersonal skills and experience working effectively in teams. Skilled in Big Data and data compression, and known for creative problem-solving abilities.

CAREER

2022 - PRESENT

RevealSecurity

ALGORITHM DEVELOPER

- Designed, simulated, and tested algorithms using **Java** and **Python** with efficient procedures.
- Resolved software process bottlenecks and improved algorithm execution time by 10%.

2019- 2022

Ariel University

TEACHING ASSISTANT

- Conducted frontal lectures, prepared exercises, and graded assignments and exams for courses in Software Engineering (including Agile, Scrum, UML, and ERD) and Data Structures.

2011-2019

Prime Minister's Office

R&D, DBA

- 2015-2019: Optimized **SQL** server database with **ETL** processes and automation.
- Collaborated with customers on product design, delivering final result including architecture, code, and UI.
- Utilized **SQL** queries and programming languages (**c#, HTML**) to answer intelligence questions.
- 2011-2015: Intelligence roles

EDUCATION

2019 - 2021

Ariel University

M.SC IN COMPUTER SCIENCE & APPLIED MATHEMATICS WITH A THESIS

- Explored data compression techniques for my thesis topic, using **c++**.
- Authored an article titled "New Compression Schemes for Natural Number Sequences."
- Presented the article at the PSC conference.

http://www.stringology.org/event/2020/p01.html

2014-2018

SCE - Shamoon College Of Engineering

B.SC SOFTWARE ENGINEERING

- Developed a scheduling system for appointments as a final project, utilizing **Android Studio** and programming in **Java** and **XML**. The system was integrated with **Firebase** Realtime Database.

SKILLS

Programming Languages - PL/SQL, Java, Python, c#, c++, c

Tools - Oracle, Overleaf, Jupiter, Git, Pandas, Jira