

Jacob Reiss

Machine Learning Specialist

Computer Science Proficiencies

Project History

Education

Other Skills

Jacob Reiss

jacobreiss1@gmail.com
<https://github.com/HoneyJar-0>

Spreadsheets, Algorithms, Machine Learning, Feature Engineering, System Design, Database Design, Database Management, Oracle SQL, Command Terminal, Linux, Windows, Java, C, C++, Python3, Test Driven Development, Object Oriented Development.

Inter-Qualifying Project (IQP)/ Neural Network Designer

JANUARY 2023 - MARCH 2023, EILAT ISRAEL

Designed and implemented a convolutional neural network to detect and classify jackals and foxes in the Arava Valley for the Arava-Dead Sea Science Center in Kibbutz Yotvata.

Machine Learning/ Designer

MARCH 2023- MAY 2023, WORCESTER POLYTECHNIC INSTITUTE

Designed multiple machine learning models from scratch for a variety of tasks, and became familiar with feature engineering.

Software Engineering/ Frontend Developer

JANUARY 2022 - MARCH 2022, WORCESTER POLYTECHNIC INSTITUTE

Designed user interfaces for a hospital application, assisted with database design, professionally presented the final product to sponsors.

Database Systems/ Designer

OCTOBER 2022 - DECEMBER 2022, WORCESTER POLYTECHNIC INSTITUTE

Designed a database for a hospital application, utilizing UMLs, ER Diagrams, and Oracle SQL.

Worcester Polytechnic Institute / B.S. Computer Science

AUGUST 2020 - PRESENT

Learned to design and manage databases, work on agile teams and hold scrums, studied human computer interaction, and gained experience with artificial intelligence and machine learning.

Scrum, Agile framework, conflict resolution, task delegation, presentation skills, urgent decision making.