

THOMAS GLEZER

Electrical and Electronics Engineer

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FORMATION

2017-2022 **Bachelor of Science in Electrical & Electronics Engineering**, Tel Aviv University.

EXPERIENCE

March 2022
January 2021

Data Engineer, LIONX, Brazil - Sao Paulo

- > Data orchestration and management system - ETL.
- > News rss feed and multiple financial data source integration pipeline
- > Python and node control over backend integration.
- > Closed loop testing.
- > Agile Methodology.

Python Node MongoDB PostgreSQL Redis Linux env GitKraken API protocols through XML-HTML
TCP - real time data AWS EC2 - DigitalOcean Supervisor management - production environment automation Docker
Unitary Tests SCRUM

December 2020
August 2020

Front End - Internship, Tuqqi, Israel - Tel Aviv

- > Support on screens developments and debug.
- > Bugs reports.

React React Native Docker Mac OS git shell

August 2022
December 2021

Final Project, TEL AVIV UNIVERSITY,

Digital Signal Processing techniques designed for desegregating electrical complex loads - more then one defined operation on energy sense - with only electrical grid data. Myself and my partner designed a system that take the data from a Microsoft database file and output an interactive web app with the required information.

Digital Signal Processing Python Dash Plotly Linux child processing control bash automation Git

November 2019

Hackaton , AI FOR SOCIAL GOOD, Israel - Petah Tikva

Hackathon developed with Intel and Sheba Medical Center to assist in forecasting possible conditions on patient based on raw data with statistical data of massive databases at hand providing cross validation and correlation with multiple grouping to best assist physicians at decision taking and possible treatments.

Medical data python windows server machine learning dynamic plotting manipulation

EXPERTISE

Engineering skills

Digital signal processing, power electronics - high/low level, PCB design, Antenna Design - CST studio experience on 5G technology, Bio-electronics, Transmission line design, Analog design - PSPICE, computer structures, VLSI chip schematic and layout design - Virtuoso software.

Programming

Python , C, Elixir, MATLAB, Bash, HTML, Javascript, CSS.

Frameworks

Dash, Flask, Phoenix, React, ReactNative, NextJs.

Databases

MongoDB, PostgreSQL, Redis, Microsoft Database, MySQL.

Development Apps

Visual Studio Code, GitKraken, Postman, Insomnia, GitHub, RDB, DBeaver, MongoDB Compass.