

YARON SHAPIRA

FullStack Student

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PROJECTS

DarkChat

📅 2021 - 2021

- DarkChat is a chat site handled by SocketIO, a library that enables event-based communication between clients and a server. For the backend, I chose Flask as my module. It takes all the interaction with the user - login, register, contact, verification, and everything in the backend. For the Database, I used SQLAlchemy, which can efficiently work with Flask. DarkChat has a Login page, a Register page, a Contact page, and a Chat page.
- GitHub Link - <https://github.com/ForeseN/DarkChat>

Portfolio Website

📅 2021 - 2021

- A portfolio website used to showcase my skills and projects. Built with HTML, CSS & Bootstrap 5.
- Site Link - yaronshapira.com

Home Weather Station Dashboard

📅 2021 - 2021

- This project has a Raspberry Pi - the server, and 5 Arduinos with a temperature sensor. They send the temperature to the Raspberry Pi every 15 minutes, and the Raspberry Pi shows it on the localhost webpage with a graph. In addition, the server uses OpenWeatherAPI to get data about the temperature outside, such as Humidity, Wind speed, Dew point, etc.
- GitHub Link - <https://github.com/ForeseN/RPI-Weather-Station>

Python Machine Learning With NEAT

📅 2021 - 2022

- This Project is all about teaching AI how to play a simple game to perfection. In order to train the AI, I used the NEAT algorithm. NEAT is an evolutionary algorithm that creates artificial neural networks. In the end, the AI learns how to play the game perfectly and never dies. I've used the NEAT algorithm on Snake, Chrome Dino Game, and Flappy Bird, all games I built with the Pygame library.
- GitHub Link - <https://github.com/ForeseN/Pygame-with-AI>

CAREER OBJECTIVE

I am a positive, enthusiastic, and competent Web Developer / Python Programmer who loves coding and learning new stuff. My objective is to learn more about coding and do life-changing projects that will put a dent in the universe.

EDUCATION

100 Days of Code: The Complete Python Pro Bootcamp for 2022

Python

Udemy

📅 2021 - 2021

The Complete JavaScript Course 2022: From Zero to Expert!

Javascript

Udemy

📅 2022 - current

SKILLS

- Python (Flask, Pygame)
- JavaScript
- Bootstrap
- HTML/ CSS
- Content Management Systems (Wordpress)