Yonatan Cohn

Computer Science & Electrical Engineering Student

yonatancohn@gmail.com
054-9816176
https://github.com/PizzaPies475/
https://www.linkedin.com/in/yonatancohn/

SKILLS

- Python
- Java
- Networks and Protocols
- C

ME IN A NUTSHELL

- An avid self learner with a lifelong passion to expand my domain of knowledge
- An affinity for tinkering and programing as a hobby since childhood
- Passionate about teaching

EDUCATIONAL BACKGROUND

TEL AVIV UNIVERSITY

Bachelor of Computer Science & Electrical Engineering
2020-2024

BAR ILAN UNIVERSITY

Pre-Academic studies
2019-2020

GENERAL

Hebrew – **Native**
English – **Fully Proficiency**
Romanian – **Partial Proficiency**
D&D player, history and language nerd

PROJECTS

HTTP scraper in Python

In this extracurricular project, I made use of minimal external libraries to explore and understand the networks and communication field.
Implemented a client using sockets and the HTTP protocol over TLS, sending requests, handling cookies, logging responses and events during communication, and implemented a tree data structure to store the directory tree of a server.

Implemented a machine learning algorithm in C and Python (Spherical K-Means Clustering)

Learned how to implement a complex algorithm, organize complex code and use C API for writing code for Python in C.

Implemented the AVL tree and Fibonacci Heap data structures in Java

Learned to design and write complex code with a partner. Implemented a data structer while writing a tester component and validating the output of the code.

EXPRIENCE

ISRAELI NAVY

Missile Cruiser Controls Technician and Education Coordinator
2016-2019