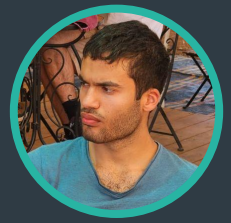# Yagil Itzhak

Software Developer

Autodidact committed to learning and growth, dedicated to excellence and pursuing professional goals.

✉ yagilItzhak@proton.me   📱 +972523936252   📍 Gilon, Israel   in linkedin.com/in/yagil-itzhak

EDUCATION

Practical Computer Software Engineer
ORT Bialik College

09/2022 - Present

Courses

- C Programing
- Data Structures and Algorithm Complexities
- Python
- Statistics and Probability
- Computer Arrangement and Assembly Language
- Java
- SQL

Magshimim - The National Cyber Program
Karmiel

10/2019 - 10/2022

Courses and competitions

- Basic Programming - C Language
- Python
- Computer Architecture
- 5 place in the CTF competition (MUCH)
- Computer Networking
- Advanced Programming - C++
- Assembly x86 and Operating Systems

Kazir Misgav High School
Misgav

09/2016 - 07/2022

WORK EXPERIENCE

Tutor
Self-employed

03/2023 - 06/2023

Helping a student year above me who is studying practical software engineering. The project is for the air force..

Achievements/Tasks

- She got 100 on the project
- Guiding
- Debugging and looking for vulnerabilities

Coach
Private

02/2023 - Present

A communication assistant for an autistic individual

Achievements/Tasks

- Understanding their unique communication style
- Building trust
- Using visual aids to help them express themselves

SKILLS

`Scapy` `Data Structures` `Win API` `TypeScript` `SQL` `Algorithms` `C#` `Wireshark` `C/C++` `Node.js` `Python` `Git` `Web Development`

PERSONAL PROJECTS

My website - https://yagilitzhak.github.io/aboutme/ (06/2023 - Present)

Memory Scanner (07/2023 - Present)

- Developed a robust memory scanner application leveraging advanced Windows API, showcasing expertise in low-level programming and system interaction.
- Designed and implemented process handling capabilities, allowing the memory scanner to interact with and analyze individual processes for targeted memory scanning.
- Demonstrated strong problem-solving skills by overcoming challenges related to low-level memory access, and process management.

Online Writer (04/2021 - 07/2022)

- Developed a file-sharing system using P2P network (TCP hole punching) to speed up loading time.
- Implemented automatic data synchronization with Ajax so many user may edit the same file.
- Created a user-friendly interface using React TypeScript.
- Developed a secure registration mechanism using SQL and Node.js.

VOLUNTEERING

Instructor's Assistant (10/2021 - 10/2022)

I helped and consulted students in the "Magshimim" program to learn C programming, computer networking, and project design.

LANGUAGES

Hebrew
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

`Cyber Security` `Networking` `Machine Learning` `Low Level Programming`