

**Eti Peretz**

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 **Summary**

* **Full-Stack** Software developer with **Java, Node.js, C, C++, C#, MongoDB, Kotlin, Python, Angular, JavaScript, MySQL and more.**
* Practical experience as part of scholarship at Microsoft, Google, Elbit Systems, Amdocs, Meta, and more
* **6 FullStack Projects - Nodejs, Python, Java, Javascript, C#, C++.**
* **B.Sc. in Computer Science**, Bar Ilan University **GPA 81**
* Highly motivated team player, autodidact, fast learner, and problem solver dedicated to solving technological challenges through innovative and creative solutions.
* Interpersonal communication skills, work ethics, and high service awareness.

**Education**

2018 - 2022 **B.Sc. in Computer Science,** Bar Ilan University

2008 - 2014 **Full Matriculations**, Biology and History MajorHigh School Shaalvim

2022 **Udemy** - Build an app with ASPNET Core and Angular from scratch

**Experience**

2018 - 2021  **Leadership Coordinator, ISEF Foundation**

*The Leadership Program of the ‘ISEF Foundation’, International Foundation for Education, for Engineering and Science Professions, STEM (in collaboration with the Prime Minister's Office*

* Delivering lectures, tutorials, and academic and social tools to fourth-year students studying at Tel Aviv University, Bar-Ilan, IDC, and more.
* Conducting personal meetings with students, including personal and academic support and guidance.
* Partnership in the ISEF-Center program management team.

2020 **Fellow in the project of ‘Elbit Systems’**

* A project aimed at increasing the number of women studying in the academy and the

exposure of women in the technology professions to Elbit Systems.

* Personal mentoring of an senior engineer at Elbit Systems.
* Enrichment sessions and technological empowerment.
* Management and training of the hackathons for women and girls in **Python**, **css**, **Html**, **Java** and more.

2019 - 2020 **Mentor Python | Cyber Education Center**

* A community for girls interested in computers, cybers, and technology.
* Trained & supported young women of the program in hackathon events which include technological concepts such as communication protocols, and programming languages ​​such as JavaScript, Python, java and more.
* Trained & led teams in “Cracking the code challenges” at numerous events with many participants.

**Projects**

* **Final project – Nodejs**

Designed and developed a Node.js project, with tools and libraries such as Express, Mongoose, Atlas, and Git. Using MVC architecture.

Built fast, scalable and secure Node.js RESTful API and a server-side website rendering (HTML) with Pug templates.

Implemented web crawlers in order to get information from websites like Youtube and Facebook.

* **Desktop application - C# + MVVM architecture**

For analyzing flight data of FlightGear simulator.

* **Web application - Nodejs + MVC architecture**

Gets several csv data files from the user, calculate the anomalies between them, and present the result to the user.

* **Mobile Application Project - Kotlin + MVC architecture**

To control a flight of the FlightGear simulator, using **Kotlin and MVC** architecture.

* **Networking** **Project - C + Wireshark**

Several applications for file transferring using **TCP & UDP** protocols. creating sockets & **threads** and traffic observation with **Wireshark**.

* **Solver Project - C++**

Gets a matrix, start point, end point, and obstacles points, and calculates the route according to certain algorithms such as BFS, DFS, and so on, figures the fastest one and displays it.

**Skills**

* Languages - **C, C++, Java, Javascript, Python, SQL, C#.**
* Tools - **GitHub**,Visual Studio Code, PyCharm, Eclipse, IntelliJ, **MySQL**, WireShark.
* Concepts - **Linux**, OS, Object Oriented programing (**OOP**), **Machine Learning**,

 Multithreading, Design Patterns and Network Protocols.

**Military Service**

2014 – 2016 **National service in region Sdot Negev**

* Building training lesson plans and transferring them to groups.
* The job required technical, organizational, and audience standing.
* Contact and personal support of the youth and teamwork.

**Languages**

**Hebrew** - Native | **English** – a very high level.

**Volunteering work**

Incorporating and promoting students from the social and geographical periphery in Israel with a higher education orientation by teaching math and English professions at the Dani Home' school in Tel Aviv.

***References will be provided upon request.***