

Ekrema Shihap Haidar

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Profile

My name is **Ekrema Shihap**, a 22-year-old Full Stack Developer from **Kafr Qara, Israel**, with a strong academic background in **Computer Science and Mathematics**. I began my programming and teaching journey as a teenager, which equipped me early with **leadership, fast learning, and strong communication skills**.

I specialize in both **frontend and backend development**, with a passion for building **responsive, user-friendly applications** using modern technologies like **React, Node.js, Python, and Java**. My strongest edge lies in **frontend design and problem-solving**, supported by real-world experience as a **programming instructor** and multiple personal projects, including **scientific simulations** and functional **web systems**.

Fluent in **Arabic, Hebrew, and English**, I thrive in **diverse environments** and bring a unique mix of **technical depth, creativity, and determination** to every challenge. I am currently seeking opportunities in **dynamic, innovative teams** where I can grow and contribute meaningful value.

Education

- B.Sc. in Computer Science & Mathematics - Netanya Academic College, 2021-2024 (Expected)
- Independent Student in AI and Web Development - Self-learning path into 2025
- "Ma'aleh" Program - Davidson Institute, 2021
- N.E.T.A Program - Software & Hardware Training, 2021
- Full Israeli Bagrut Certificate - Fureidis High School, 2021
- Highlights: 5 Units in Math, Physics, Hebrew | 4 Units in English

Experience

- Programming Instructor (Python, HTML, CSS, JS) - N.E.T.A | 2021-2025
- Front Desk Clerk - King Solomon Hotel, Netanya | 2022-2024
- Room Service Coordinator - Elma Hotel | 2020-2021
- Security Guard - Private Security | 2024-Present

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Highlighted Projects

Python – GlowScript Simulations:

- Developed a simulation for *Photon Diffusion in the Sun* – [GlowScript](#)
- Built a project simulating *Monte Carlo Adsorption* – [GlowScript](#)
- Researched *Polymer Adsorption on Rough Surfaces* – [GlowScript](#)
- Additional physics-based simulations – [GlowScript Projects Folder](#)

Java Projects:

- Digital Wall Clock Application – [Clock.rar](#)
- Temporary freelance project, currently being distributed
- University Information Manager – [khalil project.rar](#)
- Other projects available upon request

C Projects:

- Final High School Project – Music Player using touch sensor (Tinkercad) – [View on Tinkercad](#)

Technical Skills

- Languages: Python, Java, C#, C++, JavaScript, HTML, CSS
- Frontend: React.js, Bootstrap, GlowScript
- Backend: Node.js (Basic), Django (Familiar)
- Databases: MongoDB (Basic), SQL (Academic)
- Tools: Git, GitHub, VSCode, Eclipse, Tinkercad, Postman
- OS: Windows, Linux/Unix
- Office Tools: Word, Excel, PowerPoint, OneNote, Zoom, PDF

Soft Skills

- Self-Learning & Fast Adaptation
- Public Speaking & Teaching
- Problem Solving & Critical Thinking
- Working Under Pressure
- Leading by Example

Social Contributions

- Tour Guide - Israel Nature & Parks Authority | 2017-2019
- Volunteer for Children in Need - Simla NGO | 2015-2021
- Certificate of Excellence for Social Involvement - Ministry of Education