Ohad Afriat - Software Engineer

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PERSONAL INFO

Motivated Computer and Electrical Engineer with a passion for Computer Science. Proficient in C#, Python, C/C++, JavaScript/TypeScript, React, Node.js, Java and more.
Fast learner, team player, dedicated problem-solver who love to code and develop.
Seeking a Software development position to enhance skills in Full-stack and Back/Front-end technologies.
Excited to work together in creating outstanding user experiences and developing reliable software solutions.

EDUCATION

Ben-Gurion University   Israel
B.Sc. in Electrical and Computer Engineering - Specialized in Computer Science.   *2018 – 2022*

PROJECTS

Responsive Personal Website   2023
Tools : JavaScript, HTML and CSS.

- OhadAfriat.com

Embedded Software   2022
Tools : Python, C/C++ and Assembly.

- Implemented Joystick on drawing board (Developed GUI with Python) and manual control of Motor-Based machine.
- Implemented communication between a PC and an MSP430 controller using a UART module.

Verification   2022
Tools : Python and Verilog.

- Implemented a Stimulus, Coverage, Golden Model and Checker on DUT with parity bit algorithm.

COURSES

Ben-Gurion University Courses | *Python/Pytorch, C/C++ and Assembly.*
- Computer Science - grade 97.
- Introduction to Deep Learning – grade 91.
- Logic systems – grade 88.
- Introduction to Computers – grade 89.

EXPERIENCE

Tutor   Oct 2020 - Oct 2023
- Tutor: Computer Science, Programming, Math, and Physics.
- Teacher at Hai.Tech.

Army Experience
- Combat Soldier and Commander in Golani unit.

TECHNICAL SKILLS

Programming Languages: Python, C# , JavaScript/TypeScript, C/C++, Java, Dart, Bash, MATLAB.
Frameworks: Flutter, Node.js, React.
Markup & Style Sheets Languages: HTML/CSS, LaTeX, XML.
Developer Tools: Git, VS Code, Visual Studio, PyCharm, ChatGPT-4.
Programming Foundations: Linux, OOP, AI - Deep Learning.
Libraries: PyTorch, pandas, NumPy, Matplotlib.
Hardware: Assembly , Verilog, VHDL.
Languages: English , Hebrew.