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](https://www.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**:React Native, Expo, Node.js, React, Flutter.

**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.