

Summary

- Motivated junior developer with problem solving abilities and passionate about Software development.
- Deep knowledge with: Embedded, C, C++, OOP
- Self-learning, teamwork, time management, high motivation, and communication skills.

Education

2019-2023: B.Sc. in Computer Science, University of Haifa, GPA 80.

Courses: Introduction to computer science, Algorithms, Data structure, Object oriented, operating systems (Linux), Assembly and Compilers structures.

Project: "Kidi Application"- full-stack Android system for the company's admin and its clients. It aims to help parents in getting and following their children's classes and HomeWorks. **Technologies & methodology:** Java with Android Studio and Eclipse using Spring Boot Framework with MongoDB. **my role:** creating, maintaining, and debugging the entire backend of the application. This includes the databases, API and other processes taking place behind the scenes.

Training and Certifications

2023-Present: Embedded C & Linux programming in Real Time College.

- **Learning:** Linux administration, C for embedded, FreeRTOS concepts, Networking, Arm

2023: Embedded C programming, course by John Bryce and "itworks" community for women.

- **Project: GPMS-** This project involved facilitating communication between multiple devices connected to the same Ethernet network (TCP/IP) within a control panel framework. Adhering to the master-slave principle inherent in the Modbus protocol, the controller initiates communication as a master device, anticipating responses from designated slave devices. As an example, devices measuring temperature and humidity, connected to the same cable, communicated their respective measurements to a common computer via the Modbus protocol. This project was executed using the C++ programming language.

2023: Micro-controller Embedded C programming – course by "Udemy"(self-learning).

Volunteering Experience

2022 – Present: Academic Tutor for C Programming language.

2019 – Present: "Perach", Mathematic Tutor for students in their first semester.

Languages: Arabic- Native | Hebrew- Fluent | English-Fluent