

Curriculum Vitae – Raziel Sabati

Please respect my request for confidentiality

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ABOUT ME

Fourth-year Software Engineering student passionate about Embedded and Real-Time systems, with experience in microcontrollers, C/C++, and low-level Assembly programming.

PROFESSIONAL EXPERIENCE

2021 - 2025 : Azrieli College B.Sc. Software Engineering

- Current fourth-year Software Engineering student at Azrieli College

2020 - 2021 : COVID Vaccinator (Medic)

- Administered COVID-19 vaccinations as a medic for Clalit Health Services and the IDF

2017 - 2020 : IDF - Military Service

- Combatant in Sayeret Egoz, 3 years commander.
- Miluim: October 7th Active fighter in the reserves.

EDUCATION

2021 - 2025 : Azrieli College

• Relevant Courses:

- C/C++ Programming: 91
- Assembly Programming: 93
- Overall GPA: 91.46
- Microprocessors: 98
- Operating Systems: 100
- Current course: Embedded Systems using STM32 microcontroller

2015 - 2017 : Pre-military Academy, Otzem

2009 - 2015 : Ma'ale Adumim Yeshiva High School

LANGUAGES

- Hebrew - Native
- English – High level of written and spoken

PROJECTS

Remote Decoy System for Military Use

An embedded system designed to simulate human presence and deceive enemies.

The system consists of a Home Unit and an External Unit, connected via long-range communication, which creates the illusion of human activity using light, sound, and heat.

• Kit Technologies:

- CPP
- OOP
- ESP32
- LoRa module
- OLED display
- Buttons

• Development:

- Process consist of Agile methodology.
- Project is managed on [GitHub](#).

SKILLS

• Programming Languages:

- C, C++
- Assembly
- Python
- Java
- SQL
- HTML
- CSS
- JavaScript

• Embedded Systems:

- ESP32
- STM32
- PIC16F87X
- LoRa module

• Tools and Technologies:

- Agile
- PlatformIO
- Git
- GitHub
- Linux
- Postman
- JQuery
- Node.js