Inon Buzaglo

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Summary:

Hardware Engineering graduate specializing in computers and communications system. Technically oriented and a quick learner with great communication skills. Interested in a position in the FPGA/ASIC/Chip Design/Verification field.

Projects:

- **Autonomous vehicle radar system.**
  - radar system for autonomous vehicles, based on intelligent mmWave sensor by Texas Instruments technology.
- **Security system.**
  - Security system design using Arduino controller.
  - The project was built by using thread's, timers, serial port, stepper & servo motor, and GUI development using Python.

- **Traffic light system for T-junction**
  - Planning and design of a T-junction traffic light by using analog HW components.

Skills:

- **Programming languages:** C++, VHDL, System Verilog, MATLAB, Python.
- **Development environment's:** Visual Studio, Vivado.
- **Additional skills:** FPGA, Logic design, Embedded Arduino, Lab equipment, PyCharm, Multisim, DC2DC converter topologies such as Buck, Boost.

Education:

2017-2022 Ariel University| B.Sc. Electrical Engineering.

- Specializing in Hardware and communications system (GPA 81).

2011-2012 "Mechinat Atzmona"| Leadership Preparation Program

- A pre-army leadership program.

Experience:

2018-2020: Ariel University | Private Tutoring

- Tutoring students who are struggling with science courses such as semiconductorsand Introduction to Electrical Engineering

2014-2017: Dadash Construction| Team leader

- Involved leading a team of seven electrical workers and included weekly team meetings

Army Service:

2012-2014: Sayeret Golani — *Sergeant.*

- Demanded adaptability to ever changing conditions.
- Ability to work effectively and make decisions under pressure.