

Eden Isaschar

ELECTRICAL & ELECTRONICS ENGINEER
PHYSICIST

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Willing to relocate

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Summary

Focused and dedicated individual with a **B.Sc in Electrical & Electronics Engineering** specialized in **communications and control systems** and a **B.Sc in Physics**, seeking to apply technical expertise and hands-on experience in a professional setting to contribute to innovative projects and pursue professional growth.

Approaching challenges with a composed demeanor, adept at navigating diverse tasks to ensure optimal performance. Proficient in time management, teamwork, and interpersonal communication skills, with the ability to work both independently and collaboratively.

Work Experience

INTEGRATION ENGINEER

AST SpaceMobile

October 2023 - August 2024

- Extensive experience in hardware design and integration for complex electronic systems.
- Conducting system testing and debugging to ensure seamless integration and functionality.
- Performing functional, thermal and electrical tests. Strong ability to read and interpret electrical schematics.
- Familiar with the operation and use of: Spectrum Analyzers, Signal Generators, Oscilloscopes and Digital Multimeters (DVM)

Projects

Electronics:

- Designed and constructed a Smart Greenhouse, incorporating: precise temperature control, automated watering, sunlight / internal lighting regulation, automated double door entrance system for vehicles, ensuring smooth entry and exit and a full remote monitoring system.

Physics:

- Synthesis and Characterization of 2D Tin Selenide nanosheets with hexagonal morphology, utilized for super capacitors through exceptional surface area for prime energy storage applications.

Educational History

B.SC PHYSICS - GPA 84

Ariel University. Ariel, IL | 2020 - 2023

B.SC ELECTRICAL & ELECTRONICS ENGINEER - GPA 89

Ariel University. Ariel, IL | 2020 - 2024

Volunteering

- Instructed an Electronics course for grades 4-6 in two different schools.
- Summer camp counselor for individuals with special needs.
- Mentored children from challenging backgrounds who struggle in social settings and academically.

Skills

- MATLAB
- Python
- C++
- Multisim
- Debugging