doodier07527@gmail.com|052-6739075

David Raanan

Hadera| 1996 | Married

- **B.Sc in Electrical and Electronic engineering – 3 years of experience in HW and Manufacturing.**
- **Highly motivated, shows responsibility in performing tasks, has creative thinking and extensive technical knowledge.**
- **Knowledge of various electrical product development areas (NPI, Board Design, Manufacturing) - part selection, PCB design, electrical design validation, and failure analysis.**
- **Able to coordinate, pursue and obtain resources from multiple departments, Exceptional verbal and written & Has great attention to detail Able to work independently.**
- **Able to integrate well in a team, understand capabilities and priorities.**

Education:

2018-2022: B.Sc. **in Electrical and Electronics Engineering** from Ariel University. (VHDL, Python, Pspice, PLM)

2014-2015: Pre-military and Torah Mehina for the IDF.

2009-2014: Maale Adumim High School Yeshiva, Full high school diploma and Matriculation in electronics.

Work Experience:

2022-2023: Test Engineer - **Manufacturing & DFT** Engineer at **Elbit System.**

- Practical experience in **TESTWAY** software Debugging at card level and development of tests - **ICT**, **JTAG &** Preparation of specific assembly instructions for PCBA/product.
- Good knowledge in the **DFT** world **- MBIST, BSCAN, ATPG, JTAG.**
- Leading **DFT & NPI** discussions and performing analyzes to test cards and planning optimal testing and coverage strategies.
- Trainings for manufacturing line technicians about new product assemblies Define and implement production testing tools and jigs.
- **FAI**- Active part of **NPI** process, First Article Inspection, reports and lead for **DFM & MRB.**
- Construction of production portfolios - selection of production technologies (**SMT, S.S, X-RAY**) and order of their operation and preparation of work processes.

2021-2022: Electrical Engineer – **Configuration & Product** Engineer at **Elbit System.**

- Experience in **NPI**- From Print to **Mass Production,** Preparation of full product assembly instructions & Verification of assembly process according to the instructions.
- Product Tree building and Control Examination of new and existing **PCB** and **PCBA** manufacturers & Management of **CCB** change discussions.
- product **BOM** and Change Control management, Product Configuration.
- Characterization of work processes for entering data and making changes in the **PLM** system.
- Control / approval of engineering changes and their implementation in the **PLM** system.

Military Service:

Senior combat instructor in the school for the defense of the settlement.

- Efficient work and division of roles and times under pressure from commanders and senior officials.
- Ability to speak in front of an audience, to persuade and motivate civilians and military elements.

Languages: Hebrew - native | English - Fluent.