

# Meitar De Garc'ea

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**GitHub:** <https://github.com/mdg453>

## Summary

Last year EE and CS Student with a bit under 2 years of experience in Verification Automation at Mobileye. Specialized in Hardware-Software integration, firmware validation, and developing automated test environments for constrained embedded systems. Proficient in Python and C++ with a deep background in Computer Architecture and system-level debugging.

## Education

Hebrew University B.Sc. in Electrical Engineering and Computer Science (2021-present)

Relevant Courses: Python, C and C++, image processing, OOP, Computer Architecture, OS, advanced Signal Processing, Analog and digital circuits, Physics lab, and a wide base in theoretical CS, Mathematics and Physics.

Hebrew University Mechina Majored in Computer Science and Physics, GPA: 105.2 (2020-2021)

IASA - Israel Academy for Science and Art Graduate, Classical Music Major, GPA:108 (2012-2015)

## Work Experience

- **Mobileye**  
EPG Validation Engineer (2024-2026): Developed and implemented comprehensive test plans for various board components, including switches, cameras, processors, security chips, and FOTA, ensuring end-to-end activity from unit tests to large test suites for CI development.
- **Mobileye**  
NOC (2022-2024): Managed Quick Sight, Nagios, Splunk, Kibana, Elastic Search, Jenkins, Linux VMs in container networks; Worked on real production tasks involving network operations and system automation..
- **Google Developer Student Club Leader and mentor**  
(2022-Present) Developed forward-looking technological projects, fostering innovation and practical application in a collaborative team environment. Led a project in the Solution Challenge. Guided and supported the next generation of club leaders in Israel.

## Professional Skills

- Proficient: Python, C++, Java, linux embedded.
- Familiar: android studio with Kotlin, Assembler, javascript, node.js and react.
- AI: IML and image processing, hugging face model, prefer using cursor ide.
- Technologies: experience with Docker, Kubernetes, Jenkins;
- Tools: CMD, Terminal, Splunk, Kibana, Elastic Search,
- Other Skills: Network infrastructure, IT operations, VDI, server maintenance, cloud services, DevOps production maintenance,

## Soft Skills

- Strong analytical and problem-solving skills
- Highly adaptable and a fast learner
- Excellent teamwork and leadership capabilities
- Independent with robust organizational and time management skills

## Projects

- Portfolio available on [GitHub](https://github.com/mdg453) showcasing a range of projects that demonstrate my programming and problem-solving skills.

## Military Service

- **War Room and Bases Communication Technic, Binyamin Brigade.**  
(2018-2019): Maintained server rooms, managed Juniper devices, and radio.
- **Miluim battalion signal and computer technician, Battalion 43**  
220+ days since 7.10. Solving and improvising support for the field troops on the field.

## Languages

- Hebrew – native
- English – fluent