Ran Benayoun

SUMMARY

Innovative problem solver with attention to detail, fast learner, pleasant, and ambitious worker. Uses up-to-date **AI tools** in various aspects to deliver quick and accurate results.

EXPERIENCE

PHILIPS – CLINICAL R&D ENGINEERING STUDENT

2024- 2025

- Perform **data-analysis** on medical images, device usage, and algorithm performances.
- Assessing, promoting, and implementing methods for **AI Explainability**, such as SHAP and LIME, to be used in various models.
- Conducting **Literature reviews** for clinical studies.
- Writing **Clinical Evaluation** Plans and Reports to support FDA submissions
- Developed python GUI automations to **Mine data**

PHILIPS - SW VERIFICATION & AUTOMATION ENGINEERING STUDENT

2023-2024

- Specializing in **software testing**, test case creation, execution, and defect resolution.

MEDICVISION IMAGING SOLUTIONS – APPLICATION AND PROFESSIONAL SERVICES STUDENT

2021-2023

- Provided remote customer support (by email/phone) in real-time.
- Monitored customers' **Linux-based** systems to ensure seamless functionality.
- Automated pipelines with **Python tools.**

GROUND DEFENSE OFFICER – IDF, AIR FORCE

2014-2018

- Captain in reserve. Managed platoons, war rooms, drills, and routine security.

ACHIEVEMENTS

- **Biodesign Israel Class of 2023 –** Detailed requirements and developed a product based on hospital needs to reduce infections.
- **BME Hackathon Competition** Won 2nd Place 2 years in a row.
- **Nucleate Israel BioFence Hackathon 2024** – 1st Place Winner.
- **iGEM, International Synthetic Biology Competition 2022**, Technion Team -Ranked top 10 teams worldwide.

CONTACT

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 https://www.linkedin.com/in/ran-benayoun/

EDUCATION

2019-2024
Technion – B.Sc. Biomedical Engineering, minor in Entrepreneurship.

SKILLS

Python, MATLAB, R, **Statistical Data Analysis**, Arduino IDE

Fast learner, Analytical Thinking, Human Relations, Communication, Prompt Engineering

Hebrew (Native), English (Fluent)