

IDAN SEGAL

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Proficient in collaborating within agile product shipping teams | Independent learner that gets the job done on time

EDUCATION

2021 – 2024 (est.) **B.Sc. in Computer Science, Hebrew University of Jerusalem (last semester, available for full-time position)**

- Algorithms score: 96 | Data Structures score: 96 | Object-Oriented Programming: 96

PROJECTS

Mobile App - LEAVO

- Tracks public transport in real-time and notifies the user exactly when it's time to leave to get to his station right on time. ([Demo](#), [GitHub](#))
- Obtained access to all transport arrivals using web-crawling via Python's Selenium and tracking website requests.
- Overcame an Android limitation that prevented requests when the app is in the background by building a separate backend service in Dart that runs in parallel.
- Designed a cross-platform UI using the Flutter framework to manage the frontend.

EXPERIENCE

2019-2021 Software Quality Assurance Engineer | Biosense Webster (J&J company)

- Uncovered bugs determined to pose safety risks in a widely used medical product thus saving the company costly recalls.
- Selected from 40 SQA engineers to lead the testing on two commercial products until their successful real-world appliance in humans.
- Identified and reported 250% more bugs in the product as lead SQA engineer than my predecessors.
- Gained a sharp perspective for software defects and potential malfunctions.
- Integrated software automation into testing protocols and conducted employee learning sessions on advanced system features.

2015-2018 Combat Medic | IDF

- Served as the platoon's medic and delivered instant care with professional response to our soldiers.

SKILLS

- Technical:** Python, C++, C, Java, machine learning, Flutter, Git, Dart, Pandas, NumPy, data filtering, and analyzing.
- Fluent in** English and Hebrew.
- I am** self-aware, open-minded, and a critical thinker.

References are available upon request.