Rabea Lahham

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Education:

- 2021 – 2025: B.Sc. Software Engineering student at Ort Braude - **GPA 84.**
    - **Courses:** Introduction to Computer Science (**90**), Introduction to System Programming, Data Structures (**83**), Computer Architecture (**97**), Software Architecture (**91**), Object Oriented Programming – Java (**87**), Operating Systems (**85**), Algorithms , Database Management Systems, Automata Theory & Computability (**81**), Intro To Artificial Intelligence (**80**), Cloud Services (**98**), WEB Development – ReactJS (**96**), Data Mining (**100**), RTOS (**98**), Data Analysis (**91**).
- 2022: ReactJS from Scratch **–** Online course by Udemy totaling 68 hours, including:
    - Theoretical and practical training through a series of online tutorials, and hands-on practice.
    - Learn all about React Hooks and React Components.
- 2023: Web Development Bootcamp – Online course by Udemy totaling 61 hours, including:
    - Fundamentals of web development: HTML, JS, CSS, CSS Frameworks, NodeJS, Express.js, MongoDB, APIs, jQuery.
- Braude, **DEBATE**: Team Member: 2 years

Courses & Projects:

- **GoNature** – GoNature - Parks & Recreation (GPR) – A system designed in JavaFX to help create and manage visits to parks with users and employees. It also offers the creation of reports to the parks including: Visits, Cancellation, Total Visits and Usage reports.
  Project Content: Java, JavaFX, Design patterns, CSS, git, UML Diagrams, MySQL, UCSF Framework.
- **TestPilot** – An application containing sample question for Software Testing Course exams – currently available at Play Store.
  Project Content: React Native, DB, CSS, expo, JSON, graphQL.
- **GraphiX** – A web application for generating interactive infographics.
  Project Content: ReacJS, TailwindCSS, Firebase, ChartJS.
- **AgriTech, B.Sc Project** (**Under Development**) – AgriTech is an Avocado tree disease detection system that helps detect various diseases from avocado trees using ML models and history analysis.
  Project Content: Python, NodeJS, ReactJS, TailwindCSS, Firebase, Mosquitto, Design Patterns.

Volunteering:

- 2018 – 2019: **National Service – The North Supreme Court**
    - Lead at organizing work in the office.

Achievements:

- 2023 – 2024: **3rd Year Excellence – Dean's List (GPA 89.89)**

Skills: C, C++, Java, Python, JavaScript, ReactJS, HTML, CSS, Linux, MySQL, Scripting, Researching.

Languages:

English – Bilingual Proficiency **|** Hebrew – Full Professional Proficiency **|** Arabic – Native Proficiency **|** German – Elementary Proficiency.