

Solal Ohana

Full Stack Developer

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SUMMARY

Passionate Full Stack Developer with proven experience in computer science, I'm eager to leverage my skills in my next opportunity. Committed to excellence, I'm a self-learner, driven by a strong work ethic and a growth-oriented approach. As a creative problem solver, I thrive on collaborating in a dynamic environment and tackle challenges with innovative and meticulous solutions.

AREAS OF EXPERTISE

- Java
- C/C++
- Python
- Object-Oriented Design
- Algorithm Design
- Data Structures
- Complexity Analysis
- Communication
- Teamwork & Collaboration

PROFESSIONAL EXPERIENCE

Teaching Assistant, Sami Shamoon College of Engineering 2023 – 2024

- Prepared, presented and reviewed projects for a class of 80 students, related to courses as follows: Software Requirements Engineering, Software Project Management, Software Testing and Quality Assurance, and Fundamentals of Software Engineering.

Backend Developer, Bridgify - startup, experiences-as-a-service, B2B2C (internship) 2023

- Built and maintained scalable, efficient, and elegant micro-services by fetching, cleaning and integrating data through **APIs** in order for the Frontend team to use the database to develop the UX/UI.
- Wrote clean, functional, and efficient code in **Python** to ensure code maintenance and reusability.
- Developed features end-to-end, from requirements (upon CTO's request on **Jira**) to production, while collaborating with product managers and the development team. Produced 1 epic in 3 days on average.
- Designed, created, and sustained scalable server-side applications and APIs, using **Postman, Rest API**.
- Set up distributed storage, index, and query systems that are scalable, fault-tolerant and easy to manage, using **MongoDB, SQL, PostgreSQL**.

Research Assistant, Sami Shamoon College of Engineering & Ben Gurion University 2023

- Wrote, implemented and optimized classification models (SVC) in **Pytorch**.
- Analyzed model predictions to detect patterns to help doctorants build reports and go further in their research.

PROJECTS

Intellitest, Sami Shamoon College of Engineering 2023 – 2024

- Invented a website to track, train and optimize models development and dataset preparation (data cleaning, outlier removing, encoding and data filling)
- *Languages*: React.js, JavaScript, CSS, HTML, Python, Pytorch, Mongoose, Express, Node.js
- *Tools*: Jira, Qase, MongoDB, Figma

Bump, Sami Shamoon College of Engineering 2023

- Set in motion a social network for gamers with a matching module to help them find someone to play with.
- *Languages*: Angular, JavaScript, CSS, HTML, Mongoose, Express, Node.js
- *Tools*: Jira, Qase, MongoDB, Figma, Trello

EDUCATION

Bachelor Degree in Software Engineering 2020 – 2024

Sami Shamoon College of Engineering (SCE), GPA: 89.2

Completed relevant coursework: Data Structures, Numeric Analysis, Advanced Object-Oriented Programming (OOP), Algorithms, Computer Networking, and Databases.

MILITARY SERVICE

Search & Rescue Combat Soldier in Palhatz Brigade, currently active reservist fighter in battalion 241 2017

LANGUAGES

English & Hebrew (Fluent), **French** (Native)