Emilio Mattar

Junior software Developer

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Summary

Detail-oriented Software Developer with over 4 years of experience in full-stack development, mentoring, and leading academic and client-based projects. Skilled in Java, Python, C#, SQL, and modern web technologies such as ReactJS and Node.js. Strong foundation in Agile methodologies and test automation tools, with a passion for building clean, scalable, and user-focused solutions.

Work experience

Freelance Developer & Student Mentor

University of Haifa (Remote) | 2021 – 2024

- Assisted students with coding assignments and final projects.
- Performed QA testing and code reviews to ensure quality.
- Covered topics including Java, Python, SQL, web development, and algorithms.

Computer Science Instructor & Junior software Developer

Loop INC, Nazareth | December 2019 – January 2022

- Taught Java, C, C#, HTML, CSS and JavaScript.
- Guided students through full-stack development fundamentals.
- Introduced Git and basic version control workflows.

Education

B.Sc. in Information Systems, Specialization in Artificial Intelligence

University of Haifa | 2021 – 2025 | GPA: 88

Relevant Coursework:

Data Structures & Algorithms, Object-Oriented Programming (OOP), Web Development, Database Systems (SQL), Business Intelligence, Data Visualization, Machine Learning, Deep Learning, UX/UI.

Projects

StockSys – Automated Inventory Management System

Team Lead & Full-Stack Developer | Java, JavaFX, MySQL, Github | Agile

- Built for ExtraLine to automate inventory tracking and reduce manual work.
- Led sprints, coordinated backend/frontend tasks, and integrated client feedback.

SpringSys – Inventory & Business Management Platform

Full-Stack Developer | ReactJS, Node.js, Express, MongoDB, Github

- Managed customers, employees, suppliers, and product stock.
- Focused on efficient data handling and responsive frontend design.

BackGammon – Interactive Backgammon Game

Team Lead & Full-Stack Developer | Java, JavaFX, MySQL, GitHub | Scrum

- Led a 4-member team, managing tasks, code reviews, and Scrum sprints.
- Designed and developed both frontend and backend.
- Contributed extensively via GitHub, mentoring team members in version control.

Skills

Test automation, Selenium, Python/Java, Performance testing, Test planning, Bug tracking, Agile methodologies, Scrum, Version control, Debugging, REST APIs, Docker.