Yair Charit

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Summary

Driven and adaptable software engineer with a strong foundation in automation testing and cross-functional collaboration and extensive knowledge and working experience in Object-Oriented Programming (OOP) development and design. Bringing a unique blend of technical expertise and instructional experience. Independent and resourceful, with strong problem-solving skills honed through my solo travels across India and Nepal during most of the passing year (2024).

Experience

<u>Biosense Webster</u>; Yokneam (January 2021 - November 2023):

<u>Lead Software Automation Testing Engineer</u> (March 2022 - November 2023)
- Designed and implemented scalable automation solutions, optimizing test coverage and system performance.
- Built a modular infrastructure to facilitate comprehensive system validation across multiple departments.
- Acted as a technical resource for team members across projects, providing solutions for complex challenges.
- Collaborated closely with project members from the initial stages of development to embed automation considerations in software changes, ensuring comprehensive test coverage and early issue detection.
- Identified existing software components that needed further design and implementation to improve automation capabilities, boosting overall efficiency and system robustness.
- Maintained thorough documentation and adherence to project timelines.

<u>Software Testing Engineer</u> (January 2021 - March 2022)
- Analyzed system requirements and developed testing protocols to maximize coverage and efficiency.
- Created custom tools to enhance productivity for manual testing teams.
- Conducted compatibility tests with various medical devices, including Ultrasound and Fluoroscopy machines, ensuring integration and performance across systems.
- Traveled internationally to validate device compatibility with Fluoroscopy systems.

<u>Assembly and OS Instructor</u>; Magshimim, Cyber Education Center (August 2019 - April 2021)
- Taught high school students core concepts in Windows and Linux OS and Assembly x8086, simplifying complex topics into digestible lessons.
- Cultivated a strong technical foundation in students, developing their interest and skills in computer science fundamentals.

Skills

<u>Languages & Tools:</u> Java, C, C#, C++, Python, JavaScript, BASH, SQL, Git, Assembly, OOP
<u>Soft Skills</u>: Problem Solving, Adaptability, Self-Learning, Cross-functional Collaboration

Education

<u>*M.Sc. in Computer Science*</u>, The Open University, Israel (2021 – Present)
<u>*B.Sc. in Computer Science*</u>, Tel-Hai college, Israel (2018 – 2021)
<u>*English for Work course*</u>, The Language Gallery, London (2017)
<u>*High school*</u>, "Hamoshava", Zichron Ya'aqov (2012– 2016)

Languages

Fluent in Hebrew
and English