

# Yair Charit

## Software Automation Engineer

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### Summary

Motivated M.Sc. in Computer Science student with a passion for software development. I have extensive knowledge and working experience in OOP development and design, and a proven track record of delivering high-quality results. Seeking a challenging software development role where I can utilize my skills and continue to learn and grow.

### Professional Experience

Lead Software Automation Testing Engineer, Biosense Webster (2022 - present)

- Assessing, designing, and implementing software solutions to achieve fast, dependable, unbiased, and accurate system validation.
- Increasing automated tests coverage and stretching the system's limits whilst creating a modular infrastructure to interact with every aspect of the system.
- Having frequent interactions with all different departments of the project.
- Helping other AT team members, from other projects, with their hard to solve issues.

Software Quality Assurance Engineer, Biosense Webster Yokneam (2021 - 2022)

- Ensure thorough documentation and meet project deadlines.
- Tested compatibility with numerous medical devices, including: Ultrasound machines, RF Generators, Fluoroscopy Machines (X-Ray), etc.
- Travel abroad to test and validate compatibility with different Fluoroscopy machines.

Assembly and OS Instructor, "Magshimim" Cyber Education Center (2019 – 2021)

Instructed high-school students on Windows and Linux OS principles, as well as the Assemblyx8086 language.

### Skills

Software Development | Object Oriented Programming | Software Quality Assurance  
Bash | C | C++ | C# | Python | SQL | Assembly | HTML | CSS | JavaScript | Git

### Education

M.Sc. in Computer Science, The Open University, Israel (2021 – Present)

- *Client(C++)/Server(Python) Implementation*, Exploring and exploiting weaknesses.
- Done several project with Neural networks, Genetic algorithms, *Cellular Automats*, etc.

B.Sc. in Computer Science, Tel-Hai college, Israel (2018 – 2021)

English for Work course, The Language Gallery, London (2017)

High school, "Hamoshava", Zichron Ya'akov (2012– 2016)

### Languages

Fluent in Hebrew and English.