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*](https://yaircharit.github.io/ClientServer.html), Exploring and exploiting weaknesses.

- Done several project with Neural networks, Genetic algorithms, [*Cellular Automatons*](https://yaircharit.github.io/GlobalWarming.html), 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’aqov (2012– 2016)

# Languages

Fluent in Hebrew and English.