Amit Nudel

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Executive summary

1st year B.Sc. student in The Open University.
1.5 years of experience in building an automation infrastructure and running embedded tests with previous programming experience. Coupled with over 6 years of contributions as a counselor and educator in different roles. **Seeking a student software engineer position.**

Experience

Infrastructure QA Automation Engineer - LiveU *2022 - 2023*

- Led collaborative efforts with the QA team to implement embedded automation testing, optimizing software quality and efficiency.
- Managed hardware and cloud environments, exhibiting expertise in server installation, configuration, and proprietary hardware setup.
- Developed and utilized an internal testing framework, contributing to the creation of customized test environments and enhancing testing processes.
- Contributed to AI operations and Cyber Security solutions, actively participating in technological advancements and security initiatives.

Help desk technician - Ecom Academy *2021 - 2022*

- Guided students in building coding environments, ensuring seamless integration with study materials for an optimal learning experience.
- Expertly troubleshooted technical issues, offering prompt and effective solutions to enhance students' coding environment functionality.
- Provided comprehensive technical assistance to students, encompassing configuration, setup, and maintenance of coding environments to facilitate their academic progress.
- Assisted students with their homework, fostering a supportive and conducive learning environment for their coding endeavors.

Projects

Metadata and search engine tool - Python, at LiveU
As part of our daily practice at Automation, we needed to manually edit Json files with all of the devices for our test environment. I designed and implemented a metadata tool that acted as a search engine, so we can easily navigate in the file and query for details. There were future plans for automatic editing of the file, too. Written in Python

"AutoVolumeControl" - C, personal project
A software that automatically adjusts the computer's audio volume after taking input from the user, adjusting a costume hearing profile.

"WebForge" - Java, automation utility tool
A web automation tool leveraging WebDriver streamlines the process of interacting with web elements, including clicking on links, accessing buttons, and managing forms. The tool's main goal is to enhance efficiency and productivity when handling repetitive web-related tasks.

Professional tools

C, C++, Python, Java, Selenium, Linux, Bash, Postman, Git, Jira, Jenkins, AWS, SQL, Docker, Gen AI prompting

Education

B.Sc. Life Science (Biotech) - The Open University *Present*
Software development, embedded - Infinity Labs *2022*
CS and web development - Edx, Udemy *2020 - 2021*
Teaching Certificate - Hebrew University *2018 - 2020*
BFA in Animation - Bezalel Academy *2015 - 2019*

Volunteering

Social media admin - She codes *2021 - 2023*

Introduced women to the coding world, helped guide them to study materials, and direct them to the right course.

Languages

Hebrew - native
English - fluent
Hebrew sign language - basic