Daniel **Ilies**

✉ iliesh.daniel@gmail.com | ▢ (+971) 54-753-6361 | ⊙ Dubai | ⊶ https://daniel-iliesh.github.io

Experience

Iasi, Romania

SOFTWARE DEVELOPER   *2023-06 – 2025-05*
- Developed RoboGPT, an Nvidia Isaac Sim extension for controlling robots via natural language commands using LLMs and OpenAI APIs, contributing to efficient and innovative mechanical and electrical systems
- Actively participated in code reviews and collaborated with cross-functional teams including UI/UX designers to translate complex designs into functional components, ensuring alignment with project specifications

Remote, Romania

CUSTOMER SERVICE REPRESENTATIVE   *2022-03 – 2023-07*
- Contributed to efficient processes by developing Otis, a JavaScript-based automation tool that streamlined form-filling and email generation, improving team efficiency and winning 1st place in a company-wide innovation contest
- Participated in project meetings and communicated effectively with diverse team members and stakeholders, enhancing problem-solving and teamwork abilities

Remote, Germany

FULL-STACK ENGINEER   *2025-01 – 2025-06*

Skills

Backend & AI/ML: Python, TensorFlow.js, OpenAI API
Development Tools: Git, Docker, Linux, CI/CD

Projects

RoboGPT   *Nvidia Isaac Sim, LLMs, OpenAI API, Robotics, Natural Language Processing*

DEVELOPED AN NVIDIA ISAAC SIM EXTENSION FOR CONTROLLING ROBOTS VIA NATURAL LANGUAGE COMMANDS, ASSISTING IN THE SIMULATION AND COORDINATION OF MECHANICAL, ELECTRICAL, AND CONTROL SYSTEMS USING LLMS AND OPENAI APIS TO ENHANCE EFFICIENCY.

defender-bot   *Python, LEGO Mindstorms, Micropython, Robotics, Sensors, OOP*

ASSISTED IN CREATING A PYTHON-CONTROLLED LEGO MINDSTORMS ROBOT USING MICROPYTHON, PERFORMING ANALYSIS FOR SENSORS AND CONTROL SYSTEMS WHILE APPLYING OOP PRINCIPLES TO MECHANICAL AND ELECTRICAL COMPONENTS.

Otis – Customer Support Automation Tool   *JavaScript, jQuery, RegEx, Automation*

CONTRIBUTED TO PROCESS IMPROVEMENTS BY DEVELOPING AN INTERNAL AUTOMATION TOOL USING JAVASCRIPT, JQUERY, AND REGEX TO SUPPORT EFFICIENT OPERATIONS IN A TEAM SETTING.

Education

University "1 Decembrie 1918" of Alba Iulia

BACHELOR'S DEGREE IN INFORMATICS   *2019-10 – 2022-07*
GPA: 9 out of 10

Awards

2023   **1st Place Innovation Contest**, Won first place for developing Otis, a JavaScript-based templating software that automated form-filling and email generation   *CGS Romania*