Lucian Dorin CRAINIC
Computer Science Student | Software Engineer

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I am a dedicated Computer Science student with a strong proficiency in Python, eager to build a robust skill set in **Data Science** and **Artificial Intelligence**. My career goal is to acquire in-depth knowledge and practical experience in these fields. I am committed to continuous learning and am excited to contribute my growing expertise to help organizations harness the power of data and AI for impactful solutions.

🎓 EDUCATION

Sep. 2020 - Mar. 2024	**BSc in Computer Science** at La Sapienza University with the thesis titled '*Data Analysis and Visualization of the Movements of Patients with Fear of Falling*'. github.com/LucianCrainic/bsc-thesis/
Sep. 2015 - Jun. 2020	**IT and Telecomunication High School Diploma** at IIS Einstein-Bachelet.

☰ SKILLS

Programming	Python, Java, GoLang, Bash, SQL.
Libraries	Python : *Selenium, Pandas, NumPy, SciKit-Learn* ; GoLang : *go-sqlite3, httprouter, gorilla*.
Others	Linux, Git/Github, Jupyter Notebook, JSON, YAML, Markdown, Excel, Docker.

🖥 PROJECTS

BRAIN CANCER SEGMENTATION AND CLASSIFICATION   APR. 2023 - OCT. 2023

 github.com/davidebelcastro-sig/BrainCancerSegmentation-Classification   Maker Faire 2023

This project aims to use **Machine Learning** and **AI** to segment and classify brain tumors. It includes a user-friendly **GUI** for uploading and visualizing images, leveraging various libraries for its implementation. The tool provides segmentation results, including tumor probability and area, and classifies tumors into glioma, meningioma, or pituitary categories.

`Python` `OpenCV` `Scikit-Learn` `TensorFlow` `NumPy` `Flet`

JARVIS   FEB. 2023 - SEP. 2023

 github.com/struggling-student/Jarvis

An **automated tool** developed using Python and Selenium, designed to answer questions on the Moodle platform. The tool can identify and answer questions that it has previously encountered. If it encounters new questions during a quiz, it has the capability to download and store them for future use. This ensures that over time, it becomes more knowledgeable about the questions in the quizzes.

`Python` `Selenium` `OpenCV` `Scikit-Learn` `Pillow`

WASAPHOTO   OCT. 2022- JAN. 2023

 github.com/struggling-student/WASAPhoto

Users can search for other profiles by username, interact with photos by liking or commenting, and even have the capability to ban other users. The platform is robustly built with a Go **backend** for efficient server-side operations and a Vue.js **frontend** for a dynamic user interface.

`Git` `OpenAPI` `GoLang` `VueJS` `Docker`

💼 EXPERIENCE

Small Business 2018- 2020	**Social Media Marketing Agency | Co-Founder** , ROME, Italy ➤ Driven and ambitious Founder of a **Social Media Agency** dedicated to continous business improvement focused on enhancing revenue and stremlining business operations. ➤ Built a responsive website using the API of a service provider that allows a client to buy social media services for different platforms.
Freelance 2017 - 2018	**Web and Graphic Designer**, ROME, Italy ➤ Developed and implemented designs to existing and new **product packaging**. Developed Business collateral including sell sheets, catalogs, brochures, posters, advertisements, and web assets. Prepared and sent final artwork to vendors to produce.

♥ ABOUT ME

➤ **Languages :** Italian, English, Romanian.
➤ **Interests :** Sports (Swimming, Cycling, Weight Lifting), Nature and Urban Photography and Videography.