

Crivoi Carla

Curriculum vitae

WORK EXPERIENCE

JANUARY 2024 - PRESENT

National Institute of Neurology and Neurovascular Diseases

AI developer

I develop artificial intelligence algorithms and develop statistics for analyzing medical data.

SEPTEMBER 2023 - PRESENT

Renault

Software Engineer

Development of applications for good operation and optimization of a process within the company. The most frequently used technologies are Python together with different frameworks, Flask, Bootstrap, etc.

JANUARY 2023 - SEPTEMBER 2023

Proprietati Finconta

RPA Junior

One of the types of robots we created helps the HR department by extracting data from invoices for several companies, centralizes them, and then imports them into an accounting software.

AUGUST - OCTOBER 2022

Bitdefender

Junior Security Researcher

I had the opportunity to participate in an internship in the field of cyber security that merged with artificial intelligence where I discovered the basics of the field. I mainly used python, nmap, Metasploit, John the Ripper, SQL Injection, Burp Suite, etc.

APRIL 2022 - APRIL 2024

S.C. DIGITALKIDS S.R.L

Trainer in Information Technology

I help children to discover the beauty of informatics, to create mini games in a program similar to Scratch, but also to advance by laying the foundations of the python programming language.

EDUCATION

2024 – 2026 **Master's in Natural Language Processing**

University of Bucharest

2021 – 2024 **Bachelor of Computer Science**

University of Bucharest

2017 – 2021 **Mathematics and Computer Science**

"Decebal" Theoretical High School, Constanta

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COMMUNICATION SKILLS

ROMANIAN Native speaker

FRENCH Oral: Good; written: Good

ENGLISH Oral: Good; written: Good

COMPUTER SKILLS

GOOD LEVEL ML, RL, Python

BASIC LEVEL C++, Java, MySQL

PROJECTS

NEURIPS 2023 - MACHINE UNLEARNING

A Google competition in which you have to make the Restnet model unlearn certain classes.

FACIAL DETECTION ON THE FLINTSTONES FAMILY

The problem consisted of 2 tasks. For the first, we used the "sliding window" technique and a CNN that gave us probabilities for each extracted patch. The 2nd task, patches had to be classified to recognize if it is one of the main characters: Wilma, Welma, Fred and Bartny.

AUTOMATIC SCORE CALCULATOR FOR THE GAME DOUBLE DOUBLE DOMINOS

The project entailed developing an automatic score-keeping system for a domino game variant known as Double Double Dominoes. This involved drawing the board, identifying the positions of the pieces placed during a round, and ultimately calculating the final scores for both players.

IDENTIFICATION OF FRAUDULENT TRANSACTIONS

Creation of different ML algorithms to identify dangerous or non-compliant transactions.

DETECTION OF ANOMALIES ON THE BRAIN

Competition on Kaggle that involves creating a model from 0 that detects anomalies on the brain and puts a corresponding label (0 or 1).

LINE FOLLOWER

We developed a PID-controlled line-follower robot, beating the time goal with a performance of 18.5 seconds, under the original estimate of 20 seconds

EXTRA CURRICULAR ACTIVITIES

- Actively involved in the Innovation Labs contest, modeled after the Y Combinator competition, working on a startup project to reduce accent in online meetings using AI technology.
- Participated in the NitroNLP Hackathon, focusing on classifying satirical vs. non-satirical texts. Demonstrated advanced NLP skills and an understanding of linguistic nuances in satire.
- Participated in the Bosch Future Mobility Challenge, a competition aimed at developing a self-driving car, showcasing skills in automation and innovation.
- Engage in volunteer work and regularly attend conferences and events organized by Erasmus+ focused on sustainability, demonstrating a commitment to environmental issues and community service.
- Regular attendee at theater shows and opera, indicating a deep appreciation for performing arts and culture.
- I enjoy adrenaline-fueled sports such as kayaking, reflecting a passion for adventure and outdoor activities.
- Avid traveler, capturing moments and experiences from different cultures and landscapes.

STRENGTHS

- Strong time management and interpersonal skills, enabling effective collaboration and organization.
- Quick learner, with a keen ability to grasp new concepts and technologies.
- Highly adaptable, with a proven track record of thriving in new and challenging environments.
- Excellent teamwork capabilities, consistently contributing to team objectives and project success.