Ovidiu-Cristian Irimescu

Date of birth: 30/08/2001 | **Nationality:** Romanian | **Sex:** Male | **Phone:**
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WORK EXPERIENCE

02/2021 – 30/08/2024
VIDEO AND MOTION PICTURE EDITOR FREELANCER

26/06/2023 – 25/08/2023 Râmnicu Vâlcea, Romania
ELECTRICAL & ELECTRONICS TESTER NURVIL

I was responsible for conducting diagnostic reports on vehicles in the showroom, ensuring the identification and analysis of any issues. If the problem was software-related, I performed error resets and provided guidance to mechanics on the necessary repairs for the vehicle. Additionally, I conducted test drives to further assess the condition and performance of the vehicles.

01/09/2024 – CURRENT
DIGITAL SOLUTIONS CONSULTANT FREELANCER

I provided tailored solutions to a diverse range of clients. I specialized in designing custom PC builds optimized for specific needs, enhancing computer performance for both personal and professional users. Additionally, I facilitated the installation of home security systems, such as CCTV setups, and guided clients through the process of enrolling in governmental programs (Green House/ Casa Verde), aimed at reducing the cost of solar panel installations, helping households adopt sustainable energy solutions affordably.

EDUCATION AND TRAINING

09/2016 – 07/2020 Râmnicu Vâlcea, Romania
INTENSIVE MATHEMATICS-INFORMATICS Matei Basarab High School

10/2020 – 07/2024 București, Romania
ENGINEER IN ELECTRONICS, TELECOMMUNICATIONS, AND INFORMATION TECHNOLOGIES National University of Science and Technology Politehnica Bucharest

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C2	C1
FRENCH	B1	B2	B1	B1	B2
SPANISH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

Programming

Linux- Beginner | C# - Entry Level | HTML - Advanced | Unity (entry-level) | CSS - Advanced | MATLAB | React (Entry-Level) | Microsoft Word | Javascript - Entry Level | SQL - medium | Python - Advanced | C, C++ (advanced)

Photo & Video Manipulation

Premiere Pro editing ｜ Prezi editing ｜ Microsoft Office Advanced ｜ Photoshop editing

Electronics Design

OrCAD ｜ LTspice

DRIVING LICENCE

Driving Licence: AM
Driving Licence: B1
Driving Licence: B

PROJECTS

Authentication Using Facial Recognition Algorithms With Anti-Spoofing

This constitutes the final bachelor's project. The work involves the analysis of metrics as well as the implementation of an authentication application using facial recognition algorithms. It consists of an anti-fraud system that verifies the authenticity of the captured image with the help of a convolutional network, supplemented by a filter that analyzes the frequency spectrum of the images. Resources used in the development of the project include: Programming languages: Python (OpenCV, TensorFlow libraries, etc.); The database was implemented using the FireBase cloud computing backend service.

Video Game - Snake - 2D

A remake in Unity of the famous 'Snake' video game. The control is made with W,A,S,D keys and the goal is to get as many points as possible without hitting the border or touching the 'snake's tail'.

Link https://drive.google.com/drive/folders/1A9BxpNPghEl-QeQOalsjewLjtJ5ScSv-?usp=sharing

Video Game - Password Cracker

A guessing game which simulates the cracking of a password. It has 3 levels of difficulty.

Link https://drive.google.com/drive/folders/1A9BxpNPghEl-QeQOalsjewLjtJ5ScSv-?usp=sharing

Sorting Visualizer

A web development project showcasing the functionality of the Bubble Sort Algorithm, implemented using JavaScript to visually demonstrate its step-by-step process. The project includes an "Init" button to reset the numbers to be sorted and a "Play" button to start the sorting process, which is visually represented by colored bars that change during swaps, accompanied by sound effects for an enhanced experience.

Facial Recognition Using Javascript

A JavaScript project utilizing the Face API.js library to implement facial recognition directly in the browser. It detects and identifies faces in real-time using a web camera, offering functionality such as facial landmarks, expressions, and age estimation. This project highlights the power of lightweight, browser-based machine learning for applications in security, user interaction, and personalization.

VOLUNTEERING

Râmnicu Vâlcea
The National "Olympic Day" Run 2019

I have participated in a marathon dedicated to children with cancer, in the 15-18 age category, covering a distance of 1800 meters.

Râmnicu Vâlcea
World Cleanup Day 2018

I have participated in an organised clean-up of my hometown, working together with fellow students from high schools in Vâlcea.

23/07/2024 – 01/10/2024 Epsom Downs - The Rubbing House
Hospitality Volunteer

As a Hospitality Volunteer, I provided support to elderly patrons by ensuring they had transportation home, engaging them in friendly conversation, and helping with clearing tables to enhance their dining experience.