



# Mario-Cristian Constantinescu

**Home** : Romania

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**Website**: <https://corsimar.github.io/portfolio/>

**Gender**: Male **Date of birth**: 06/05/2002 **Nationality**: Romanian

## EDUCATION AND TRAINING

[ 10/2024 – Current ]

### Master's student

*Universitatea Ovidius, Facultatea Matematica si Informatica*

**City**: Constanta | **Country**: Romania | **Field(s) of study**: Cyber Security and Machine Learning

[ 2021 – 2024 ]

### Graduated in Computer Science

*Universitatea Ovidius, Facultatea Matematica si Informatica*

**City**: Constanta | **Country**: Romania | **Final grade**: 9.87

During 3 years at the university I built several projects and I learnt the following technologies/programming languages:

- C/C++
- Data structures
- Java (OOP, Swing, AWT)
- Python (Numerical methods)
- Machine learning
  - Linear Regression
  - Logistic Regression
  - K-Nearest Neighbor
  - Naive Bayes
  - Decision Tree
  - Random Forest
  - SVM
  - K-Means
  - Artificial Neural Network
  - Convolutional Neural Network
  - TensorFlow
- Web Development
  - Frontend (HTML, CSS, JavaScript, jQuery, AJAX)
  - Backend (ASP.NET, Django)
- Docker
- Databases
  - Oracle
  - SQL Server
  - SQL, PL/SQL
- Web graphic (Three.js)

[ 05/2024 ]

### Estic 2024

**City**: Constanta | **Country**: Romania |

I presented my final project: web application for students and teachers with physics simulations that can be controlled through gestures recognized by the camera.

For the frontend I used:

- HTML
- CSS
- JavaScript

- Bootstrap
- jQuery
- AJAX
- Web Sockets

For the backend I used:

- Django
- MediaPipe
- TensorFlow
- OpenCV
- Web Sockets

[ 04/2024 ] **ITEC Hackathon Timișoara (48h)**

**City:** Timișoara | **Country:** Romania |

- participated as a team of 3 members and we developed a web application that monitorizes the endpoints of other applications
- I was part of both the frontend and backend teams
- for the frontend we used HTML, CSS, jQuery, Bootstrap, AJAX
- for the backend we used ASP.NET, Dapper, stored procedures (PL/SQL)

[ 03/2024 ] **IT Fest Hackathon Timișoara (48h)**

**City:** Timișoara | **Country:** Romania |

- we participated as a team of 4 people and we developed a web application that had the aim to encourage a healthy lifestyle through workouts and nutrition
- I was part of the frontend team
- for the frontend we used Angular
- for the backend we used ASP.NET, Dapper, stored procedures (PL/SQL)

[ 12/2023 ] **BEST Brasov Hackathon (24h)**

**BEST Brasov**

**City:** Brasov | **Country:** Romania |

- we participated as a team of 3 members and we developed a web application where teachers could post their own courses and the students could access and learn from them
- I was part of the frontend team
- for the frontend we used Angular
- for the backend we used ASP.NET, Dapper, stored procedures (PL/SQL)

[ 10/2023 ] **Axes Hackathon (24h)**

**Axes**

**City:** Bucuresti | **Country:** Romania |

- we participated as a team of 4 people and we developed a web application for monitoring the electricity consumption and CO2 footprint of a person
- I was part of the frontend team
- for the frontend we used Angular
- for the backend we used ASP.NET, Dapper, stored procedures (PL/SQL)

[ 12/2022 – 07/2023 ] **Angular and C# ASP.NET practice**

**Corner Stone Technologies**

**City:** Constanta | **Country:** Romania |

[ 05/2023 ] **Estic 2023**

**City:** Constanta | **Country:** Romania |

I developed a web application for dating and I used the following technologies:

- for the frontend: Angular
- for the backend: ASP.NET

[ 07/2022 ] **Microsoft Azure practice**

[ 09/2017 – 06/2021 ]

## High school graduate

### *Liceul Teoretic "Carmen Sylva"*

**City:** Eforie Sud | **Country:** Romania | | **Final grade:** 9.01

- Participation in math and informatics olympiads in the 9th and 10th grade (first phase)

## LANGUAGE SKILLS

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**Mother tongue(s):** Romanian

**Other language(s):**

### English

**LISTENING** B2 **READING** B2 **WRITING** B2

**SPOKEN PRODUCTION** B2 **SPOKEN INTERACTION** B2

### Spanish

**LISTENING** A2 **READING** A2 **WRITING** A2

**SPOKEN PRODUCTION** A2 **SPOKEN INTERACTION** A2

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

## DIGITAL SKILLS

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### My Digital Skills

Machine Learning in Python | Machine learning | Oracle SQL, PL/SQL | Microsoft SQL Server | Knowledge of SQL Server | Html / CSS / Javascript | AJAX | Basics of machine learning

## DRIVING LICENCE

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**Cars:** B