



Mihai Coca

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📍 Work: Bucharest (Romania)

WORK EXPERIENCE

Head of the Computer Science and Cyber Security Laboratory

Military Technical Academy "Ferdinand I" [01/08/2015 – Current]

City: Bucharest

Country: Romania

- Guidance of students in degree projects
- Work to raise standards of student progress and attainment within *Architecture of Computer Systems* and *Microprocessor Systems* areas
- Supervisory responsibilities for equipment installation and maintenance

Software developer

BENTO [01/08/2015 – 01/07/2017]

City: Bucharest

Country: Romania

- Developing ERP and WFM applications
- Technologies used: in C#, SQL Server

EDUCATION AND TRAINING

PhD in Telecommunications and Information Technology

University POLITEHNICA of Bucharest [01/10/2017 – 12/01/2023]

City: Bucharest

Country: Romania

Level in EQF: EQF level 8

NQF Level: Accredited Romanian University

- On-ground and on-board artificial intelligence methods for detecting changes and anomalies in multispectral and SAR imagery
- Deep machine learning algorithms for embedded systems

Cyber defense course

Military Technical Academy "Ferdinand I", ACSTCE [14/10/2019 – 22/11/2019]

City: Bucharest

Country: Romania

Advanced course in the field of "Cyber Defense Technologies"

Scientific research

German Aerospace Center (DLR) [10/04/2018 – 30/06/2018]

City: Oberpfaffenhofen

Country: Germany

- Earth Observation data manipulation in bistatic radar systems
- Deep learning on complex-valued convolutional neural networks

BigSkyEarth Training School

Vicomtech [03/04/2018 – 09/04/2018]

City: San Sebastian

Country: Spain

- GPU analytics architectures
- GPU machine learning, GPU-based deep learning
- GPU processing for Earth Observation images

Master in Information Security

Military Technical Academy "Ferdinand I" [01/02/2016 – 20/07/2017]

City: Bucharest

Country: Romania

NQF Level: Accredited Romanian University

- Computational cryptography
- Security protocols
- Electronic signatures and security infrastructure
- Network security
- Security in systems and applications
- Database Security

Contest experience

Freescale Company [01/07/2015 – 01/11/2015]

City: Bucharest

Country: Romania

Contest "Linux Embedded Challenge" - 1st place

- Development of an embedded system for monitoring and interacting with a newborn baby

Bachelor in Computer Science

Military Technical Academy "Ferdinand I" [01/10/2011 – 20/07/2015]

City: Bucharest

Country: Romania

NQF Level: Accredited Romanian University

- Computer Networks, Operating Systems, Software Engineering, Cryptography, Web Technologies

Certified in CCNA Routing and Switching

Crystal Mind, Association for Education and Information [01/07/2013 – 17/10/2014]

City: Bucharest

Country: Romania

- CCNA Exploration: Network Fundamentals
- CCNA Exploration: Routing Protocols and Concepts
- CCNA Exploration: LAN Switching and Wireless
- CCNA Exploration: Accessing the WAN

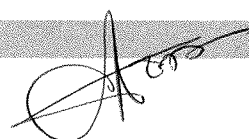
High School Graduate

National Military College "Ștefan cel Mare" [15/09/2007 – 01/07/2011]

City: Campulung Moldovenesc

Country: Romania

NQF Level: Romanian High-School Graduate



LANGUAGE SKILLS

Mother tongue(s): **Romanian**

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

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

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