DĂNILĂ
MIHAI-BOGDAN

Electrical Engineering and Computer Science

CONTACT

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in https://www.linkedin.com/in/danila-bogdan/

SKILLS

- Microsoft Office
- Multitasking
- Problem Solving

- Programming Stuff:
C++, C#, Python, Java, HTML, CSS, Git, Fork, NodeJS, Database, SQL, Docker, DataScience, JSON, DeepLearning

- Graphic Design & Branding :
Adobe Photoshop, LightRoom, Illustrator, DaVinci Resolve, Blender, Photographer, Videographer

- Mechanical Engineering:
CATIA, SolidWorks, MATLAB, CAMotics, Proteus, AutoCad

ACHIEVEMENTS

- Participation at BuzzCamp Workshop
- 1st Place at Energy Challenge HACKATHON
- 2nd Place at GREEN LIFE HACKATHON
- Qualification at Innovation Labs HACKATHON
- Certificate of Participation at BRD FIRST TECH CHALLENGE ROMANIA, SEASON 2018- 2019

ABOUT ME

Software & Hardware Engineer with expertise in software development, automation, embedded systems, and AI applications. Skilled in both software development and hardware design. Passionate about solving complex problems using programming and technology. Adept at working in teams and independently, continuously improving my skills to meet industry needs.

WORK EXPERIENCE

Content Moderator
Majorel
2025 - Current

Monitors and thoroughly analyzes user-generated content on various platforms to ensure full compliance with established community policies, guidelines, and standards, thereby fostering a respectful, safe, and positive environment for all users.

Technician - SmartCityLivingLab
ICEBERG+
2024 – 2025

Developed and maintained IoT-based environmental monitoring systems, integrating real-time data analytics.

Mentor - Augmented Reality
ARTBYTE
2023 - 2024

Led a team in developing AR applications tailored to client needs, ensuring high-quality and innovative solutions through collaboration and technical mentorship.

Internships - IBM & Caditec
6 months

At IBM, developed a cinema booking application using Java, Git, and Fork with optimized database queries; at Caditec, designed robotic control panels and worked with PLC programming for automation workflows.

EDUCATION

Transylvania University, Brasov
2024 - 2026
Master's Degree – Advanced Systems in Automation and Information Technologies

Transylvania University, Brasov
2020 - 2024
Bachelor's Degree – Electrical Engineering and Computer Science

PROJECTS

- Diploma Project: Developing a Plotter-Type Robot to Execute a Range of Tasks
- Wordpress site: Sucred.eu
- AI Application for Extracting and Implementing Background Sounds
- Lidar Sensor in Linux
- Gearbox Project in CATIA
- Arduino Project: Automatic Parking Car
- Robotic Manipulator System
- Hydraulic Piston