# 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

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

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

## 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

### Technician - SmartCityLivingLab          2024 – 2025
ICEBERG+

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

### Mentor - Augmented Reality          2023 - 2024
ARTBYTE

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

### PhotoBoot App Developer          6 Iuni
ARTBYTE

Contributed to the development of an AI-driven image processing application using Python, applying machine learning techniques to enhance real-time photos with customized styles.

### Internships - IBM & Caditec          6 Iuni

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, Brașov          2024 - 2026
Master's Degree – Advanced Systems in Automation and IT

### Transylvania University, Brașov          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