Dănilă Mihai Bogdan

Electrical Engineering and Computer Science

CONTACT

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EDUCATION

TRANSYLVANIA UNIVERSITY BRASOV

Master's Degree
2024 - Present
Advanced Systems in Automation and Information Technologies

Bachelor's Degree
2020 - 2024
Electrical Engineering and Computer Science

ARTS HIGH SCHOOL "IONEL PERLEA" SLOBOZIA
2016 - 2020
Matemathics-Informatics Intensive In Informatics

SKILLS

• Programming Languages:
C++, C, C#, Python, Java, HTML, CSS, JavaScript, Git, Fork

• Attention to Detail

• Problem Solving

• Multitasking

• AutoCAD

• CATIA V5

• MATLAB

• Microsoft Office

ACHIEVEMENTS

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

ABOUT ME

Engineer in the field of **Robotics** with a strong passion for **technology** and **programming**. Experienced in **software development** both individually and collaboratively within a team environment. Skilled in creating **practical** and **efficient solutions** for diverse projects, continuously driven to embrace **new challenges** that enhance my **skills** and expand my knowledge.

WORK EXPERIENCE

ICEBERG+
Technician in the SmartCityLivingLab Project
2024 - Present

- **Managed and monitored** the functionality of **sensors** designed for **agriculture, water purity, and air pollution**.
- **Ensured optimal operation** of sensors located in **Brașov, Tulcea, Slobozia, and Constanța**, overseeing the **collection and transmission of environmental data**.
- Integrated collected data into a dedicated **analysis and visualization platform**, facilitating **data-driven insights**.

ARTBYTE
Mentor in the Augmented Reality Department
2020 - Present

- **Mentored and coordinated** the team in the **Augmented Reality Department**, leading the development of **AR applications** for diverse client projects.
- **Collaborated closely with team members** to create **innovative and customized AR solutions** aligned with client **technical and design requirements**.
- **Provided technical support and constructive feedback** throughout the **development process**, ensuring **high-quality results**.

IBM and Caditec Internships
Internship Experience as a Software Developer and Automation Engineer
2022, 2024

- **Contributed to the development** of a **cinema application** during my internship at **IBM** in **2022**, utilizing **Java, Git, and Fork**.
- Participated in the design and assembly of **electrical panels** for **industrial robot control** at **Caditec** in **2024**, gaining experience in **selecting and integrating components** to ensure the functionality of **electrical systems**.
- **Implemented features** enabling users to **book movie seats** and **schedule viewings** at preferred times, while enhancing my **programming skills** and developing a deeper understanding of **industrial automation processes** by collaborating with **team members** and ensuring **efficient management** of reservations in a **database**.

PROJECTS

- Diploma project: Developing a plotter-type robot to execute a range of tasks efficiently
- 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