Kamal MARANDSKIY
PhD Candidate

CONTACT

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SKILLS

- Remote Sensing
- Earth Observation
- Precision Agriculture
- Electonics
- Electromagnetism
- Research
- Execution of Experiments
- Multispectral Imaging
- Hyperspectral Imaging
- SAR Imaging
- Telecommunications
- Data Science
- Deep Learning
- Computer Vision
- Aviation
- Radar
- Programming
- Communication Skills

LANGUAGES

- Azerbaijani (Native)
- English (Fluent)
- Turkish (Advance)

PROFILE

PhD candidate specializing in Remote Sensing, Machine Learning and Precision Agriculture, with expertise in multispectral, hyperspectral imaging, and synthetic aperture radar applications for Earth Observation. Published author in remote sensing applications, particularly, soil, crop and land analysis, with strong technical skills in computer vision and data science. Currently conducting research at the Transilvania University of Brasov.

WORK EXPERIENCE

Transilvania University of Braşov **2022 - PRESENT**
Research Assistant

- Conducting research in precision agriculture through the integration of advanced remote sensing technologies (multispectral, hyperspectral, and synthetic aperture radar imaging) with deep learning models.

- Responsible for research design and implementation of AI-driven solutions for agricultural applications.

Manisa Celal Bayar University Power **Jul, 2021 - Aug, 2021**
Electronics Laboratory Intern Internship

- Interning at the power electronics and smart grid laboratories. Performing experiments with a smart grid laboratory setup.

Silk Way West Airlines **Apr, 2020 - Jul, 2020**
Aircraft Maintenance Engineer Internship

- Practical activities on aircraft communication and electrical devices, attending to aeroplanes' daily maintenance process.

EDUCATION

Doctor of Philosophy candidate in Electronics Engineering, Telecommunications and Informational Technologies
Transilvania University of Braşov Oct, 2022 - Sep, 2025

Specialized in remote sensing, machine learning, radar, multispectral and hyperspectral imaging.

Master in Advanced Electrical Systems
Transilvania University of Braşov Oct, 2020 - Jul, 2022

Specialized in power electronics, renewable energies, electric vehicles, Smart Grid and batteries.

Bachelor in Electronics, Telecommunication and Radio Technology
National Aviation Academy of Azerbaijan Sep, 2016 - Jul, 2020

Specialized in ground-based radar systems for aircraft detection and tracking.