OSTAP STADNIUK

BACKGROUND

Undergraduate electrical engineering student with experience in systems architechture, network infrastructure, and autonomous systems with strong analytical and business communication skills.

EDUCATION

2024-Present
Electrical Engineering/Mechatronics at Hanze University of Applied Sciences

2021-2024
Lviv Academic Gymnasium (class with advanced study of mathematics)
- Head of Student Government
- Manager of the Gymnasium Media Division
- Graduated With Distinction Award

WORK EXPERIENCE

Hanze Racing Division (2024-Present)
Head of Electrical Engineering Team
- Currently leading a team of 15 engineers, supervising the development of all electrical systems of the competition car (2025-2026)
- Designed the architecture of a high voltage drivetrain (2025)
- Fully designed and manufactured all electrical systems (including safety systems) of the 2025 competition car (internal combustion engine) (2024-2025)

CarBox Lviv (2021-2024)
Tesla Software & Electrical Systems Technician
- Diagnosed and repaired Tesla vehicle software, electrical, and electronic systems
- Troubleshot firmware, sensors, wiring, and vehicle control modules
- Assisted the development of jailbreak methods for Tesla HW3 computers

VOLUNTEERING FOR THE UKRAINIAN MILITARY

150th Separate Mechanized Brigade (2025)
- Integrated Starlink communication to enable long-range control for an unmanned ground vehicle (UGV)

Victory Drones (2024)
- Designed an FPV drone frame optimized for rapid additive manufacturing, durability, and easy assembly
- The design was manufactured in large quantities and deployed on the battlefield

DrukArmy (2023)
- Contributed to the development of a portable electronic warfare system designed to analyze the radio spectrum and disrupt hostile FPV drone control signals



STRENGTHS

Self-directed learning
Technical problem-solving
Process-oriented thinking
Attention to details

LANGUAGE

Ukrainian (Native)
English (IELTS 8.5, C2)
Polish (Basic)
Russian (Fluent)

SKILLS

Software Systems:

Containerization & Clustering:
- Kubernetes
- Docker
- Proxmox

Network Architecture:
- Reverse proxy
- VPN
- DNS management
- Access management

Software development:
- C/C++
- Python
- Rust
- JavaScript

Embedded Programming
Linux System Administration
Python Data Analysis
Scripting (bash, Python)

Electrical Engineering:

HV drivetrain design
Digital & analog circuit analysis
PCB design
SPICE simulation
Control Systems

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