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EDUCATION

Intelligent Transportation Systems

September 2024 - Present

Faculty of Transportation Sciences, CTU in Prague / Linköping University

Joint-degree master's program in cooperation with Linköping University.

Technology in Transportation and Telecommunications

September 2021 - September 2024

Faculty of Transportation Sciences, CTU in Prague

Bachelor's program, specialization: *Intelligent Transport Systems*

WORK EXPERIENCE

Network Administrator

May 2023 – July 2025

Faculty of Transportation Sciences, CTU in Prague

Part-time

- Administration of IT infrastructure, including network devices (Cisco, HPE), servers (Linux, Windows Server), and virtualization platforms (VMware, Proxmox VE).
- Configuration and maintenance of Active Directory, firewalls, VPNs, and VLANs with a focus on security and system stability.
- Progression from L1 support to general network and system administration, including scripting and basic development of internal tools.

PROJECTS

Design of a Message Verification System for C-ITS

September 2024

Bachelor's Thesis

- Developed a tool for analyzing and verifying compliance of C-ITS messages with current standards.
- Researched the current state and future development of C-ITS implementation in the Czech Republic and abroad.
- Worked with legislative and standardization documents in the field of Intelligent Transport Systems.

SKILLS

Scripting Languages Python, L^AT_EX, MATLAB, HTML, Linux Shell

Software and Tools Windows, Linux (Ubuntu, Debian), Proxmox VE, VMware ESXi, Horizon, Microsoft Office, AutoCAD, MySQL

System and Network Administration Active Directory, firewall management, VPNs, VLANs; experience with Cisco, HPE, Ubiquiti, Aruba; server and virtualization administration

Languages Czech (native), English (intermediate), German (beginner)

Other Category B driving license (active driver), experience with internal tool and web application development, teamwork in IT environments