Cédric Matras

Apprentice Engineer in IA2R - Polytech Nancy | Apprentice at ElevenGroup (Computer Science, Automation, Robotics, and Networks)

CONTACT

📞 07 78 17 42 79

✉ cedricmatras@gmail.com

📍 Mouriès, France

🌐 cedric-matras.fr/en

LANGUAGES

French(Native), English, Italien (basics)

SKILLS

Automation
- IEC 61131-3 : ST, Ladder, Grafcet
- Siemens, Schneider, Beckhoff
- Modbus / Profinet / OPC-UA
- Supervision (SCADA)

IT / Computer Science
- Python, C++
- HTML / CSS / JS / PHP
- Linux, Git, Docker, SQL

Electricity
- Component selection, Schematics
- Wiring, commissioning
- Notions in electronics

Notions in 3D design (Solidworks)

PROFILE

Transverse IT/OT expertise: Automation, Cybersecurity, and Development. Aiming for Systems Engineering and management of complex industrial projects.

EDUCATION

Engineering Student at Polytech Nancy, specialized in Computer Science, Automation, Robotics, and Networks (IA2R)
2023 - Present

Professional Bachelor's Degree in Automated Systems, Networks, and Industrial Computing
IUT, Salon-de-Provence | 2023

BTS (Higher National Diploma) in Design and Realization of Automatic Systems
Lycée Louis Pasquet, Arles | 2022

EXPERIENCE

ElevenGroup - Apprentice Automation Engineer
June 2024 - Present, Aix-en-Provence
PLC programming, supervision, electrical design, commissioning (boiler rooms, clean rooms, special machines, military thermal mobile targets, creation of standards, migration).

Fortil - Apprentice Automation Engineer
Sept 2023 - June 2024, Aix-en-Provence
PLC revamping (wastewater treatment plant), program migration, FAT.

Konings Drinks - Apprentice (Professional Bachelor's SARII)
Aug 2022 – Sept 2023, Beaucaire
Modernization of industrial equipment: complete programming of a wrapping machine, replacement of communication PLCs, continuous process improvement.

EPC Innovation - Internship (BTS) followed by interim period
May 2021 – Aug 2021, Saint-Martin-de-Crau
PLC & HMI programming, diagnostics, integration and testing on special machines.

CHALLENGES & CYBERSECURITY

- **Cyber Humanum Est** (Red Team) | 2026 - Cyber warfare simulation
Attack simulation on infrastructures (IT/OT).

- **RhineTech** (CTF) | 2025 - Cybersecurity Challenge
Ethical hacking competition: exploitation of Web, System, Network, and Cryptography vulnerabilities...