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PROFESSIONAL EXPERIENCE

Siemens 🇩🇪 - **Solution Engineer Building Infrastructure & Automation** · Apprenticeship · 01/09/2023 – 28/08/2026

- Development of automation tools (80% time savings)
- Migration of virtual machine fleet - implementation of solutions for service continuity
- On-site interventions with clients, in-person and remotely

Siemens 🇩🇪 - **Solution Engineer Building Infrastructure & Automation** · Internship · 28/05/2025 – 22/07/2025

- Communication and Presentations in English
- Development of a web application automating part of quality control for Building Management System project migrations (90% time savings)

Siemens 🇩🇪 - **Commissioning Technician Building Infrastructure & Automation** · Apprenticeship · 01/09/2022 – 15/08/2023

- Development of real-time stock display software due to the Covid crisis (95% time savings)
- Development of an automated project planning generator (80% time savings)
- Migration of Building Management System projects from Desigo Insight to Desigo Control Center

Aerospline - **Robotics Technician** · Internship · 04/04/2022 – 10/06/2022

- Proof of concept for a computer numerical control machine tool for checking the quality of aircraft engine
- Embedded development on Raspberry Pi and Arduino
- HMI development, collaboration with mechanical engineer for CAD

EDUCATION

- **Bordeaux Polytechnic Institute - ENSEIRB-MATMECA** - Networks and Computer Engineering · Apprenticeship · 2023-2026
- **Bordeaux Polytechnic Institute - ENSEIRB-MATMECA** - Bachelor of Networks and Computer Science · Apprenticeship · 2023 – 2024
- **Bordeaux University Institute of Technology** - Professional License in Automated Systems, Networks and Industrial Computing · Apprenticeship · 2022 – 2023 · *Top of Class* · *Very Good Honors*
- **Bordeaux University Institute of Technology** - University Diploma in Robotics · 2020 – 2022
- **Bordeaux University Institute of Technology** - University Diploma in Electrical Engineering and Industrial Computing · 2020 – 2022
- **High School South Medoc** - Scientific Baccalaureate, Engineering Sciences option, Computer Science and Digital Sciences specialization · 2020 · *Good Honors*

SKILLS

- **Industry** : Automation, GRAFCET, Ladder, Supervision, ModBus, BACnet, LoRaWAN, Robotics (ROS), Panorama Studio
- **Siemens** : Desigo Control Center, Desigo Insight, Connect Box, NodeRed, TIA Portal
- **Systems & Networks** : Linux, Windows, VirtualBox, VMware, Hyper-V, Cybersecurity good practices
- **Development** : Python, C/C++, Java, HTML/CSS/JS, Node.js, Docker, Git, CI/CD, Databases, Bash, PowerShell
- **Electronic** : Arduino, Raspberry Pi, STM32, VHDL, Welding, Datasheets understanding
- **Microsoft 365 Copilot Suite** : Excel, Word, PowerPoint, Power BI

CERTIFICATIONS

- TOEIC - 925 / 990
- PSC1 - Level 1 Civic Prevention and First Aid

INTERESTS

- Weightlifting - 8 years
- Tennis - 6 years