

# Paul Bruno

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## PROFESSIONAL EXPERIENCE

### Siemens 🇫🇷 - Building Infrastructure & Automation (BIA) Project Manager · 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 🇮🇹 - BIA Project Manager · 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 (BMS) project migrations (90% time savings)

### Siemens 🇫🇷 - BIA Commissioning Technician · 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

- POC of a CNC machine tool for parts conformity verification
- Embedded development (Python, C++) on Raspberry Pi and Arduino, HMI
- HMI creation, CAD, and collaboration with the mechanical engineer

## 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 Sud Médoc** - 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, RobotDK, Panorama Studio
- **Siemens:** Desigo Control Center, Desigo Insight, Connect Box, NodeRed, TIA Portal, LoRaWAN
- **Systems & Networks:** Linux, Windows, VMware, Hyper-V, Cybersecurity
- **Development:** Python, C/C++, Java, C#, HTML/CSS/JS, Node.js, Docker, Git, CI/CD, SQL, MongoDB, Bash, PowerShell
- **Electronics:** Arduino, Raspberry Pi, STM32, FPGA - VHDL, Soldering, Datasheet Comprehension
- **Office Software:** Microsoft 365

## CERTIFICATIONS

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

## INTERESTS

- Weightlifting - 7 years
- Tennis - 6 years