

# PIERRE BAYLE

## Student of Industrial Automation & IT Engineering

Looking for end of study 6 months  
internship from February 2024



### About Me

Engineering student enthusiast about automation and project management.  
Prospector of optimized solutions.  
Creative and rigorous, ready to innovate for your team!



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### Software Skills

- Programming languages: Java, C#, HTML, PHP, SQL, JavaScript, C++, Python, ST, Ladder
- CREO & SolidWorks: advanced design, drawing, simulation
- Unity Pro, TIA Portal, Matlab, Simulink, LabVIEW, Arduino, VS Code, Eclipse, IntelliJ, Git, Netbeans
- Office Suite

### Technical Skills

- CNC and special process machine operation and programming
- Automation design, manufacturing, maintenance
- Electronics, Electrical, Instrumentation, Industrial Computing, Metrology
- LEAN manufacturing, accounting, functional methodology project realization

### Experience

#### School project (Université de Reims Champagne-Ardenne) (Sept 2023 - Actual)

- Command and reconfiguration of cyber-physical production systems through algebraic synthesis and prioritization of operational tasks.
- Implementation of a large-scale Proof of Concept (POC) on API.

#### Draftsman - Auto-entrepreneur

(July 2023 - Actual)

- Redrawing models for manufacturing.

#### Audit IPCA+T Project trainee & CRM Assistant - UFP (Plastic Machining & Forming)

(Jul 2022 - Feb 2023)

- Managed and answered to an IPCA+T audit, formalizing work methodologies and seeking areas for improvement.
- Initiated the production management system project.
- Developed a third-party system connected to the ERP, creating a real-time production tracking through handheld scanners.
- Linked the system to the selling price of each piece, providing insight into discrepancies and identifying areas for improvement.

### Education

#### University of Technology of Troyes

Industrial Automation & IT Engineering Diploma

(2021 - Today)

- Modeling, analysis and control of automated systems
- Industry 4.0

#### AGH University of Science and Technology in Kraków

Exchange semester (Spring 2023)

#### IUT1 Grenoble

Two-year technical degree in Mechanical and Production Engineering (2019 - 2021)

### Languages

- French - native
- Polish - proficient - C2
- English - upper intermediate - B2