

Abderrahmane Djerourou

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Email: abderrahmane.djerourou@gmail.com

Portfolio: <https://abderrahmane90.github.io/index>

Languages: French & English

Formation

Bachelor's degree in Automated Manufacturing Engineering 2020

École de technologie supérieure - Montreal (Quebec)

Technological Academic Path 2015

École de technologie supérieure - Montreal (Quebec)

College diploma in Pure and Applied Science 2013

Collège de Maisonneuve - Montreal (Quebec)

SOFTWARE KNOWLEDGE

Conception: SolidWorks 2024, Solid Edge st10, Arena, Autocad.

Programming: Visual Studio 2010, RSLogix5000, Studio 5000, Tia portal.

Office: Microsoft Office (Word, Excel, PowerPoint, Outlook, Project), HTML, CSS, JavaScript (Webpages creation).

JOB EXPERIENCES

Process engineer- Manufacturing

September 2023- today

IPEX

Job Tasks:

- Preserve and document the knowledge in the company by creating SOPs.
- Ensure plants comply with company security and safety guidelines.
- Analyze production lines and suggest improvements.
- Be part of Gamba walks and pay close attention to process safety.

Skills Developed:

- ✓ Practical knowledge of industrial safety measures.
- ✓ Practical knowledge of documenting industrial procedures.
- ✓ Practical knowledge in molding and extrusion of PVC.

Results:

- ✓ Formation: yellow belt in six sigma.
- ✓ Project: smart torque.

JOB EXPERIENCES

Industrial process advisor

July 2022-September 2023

Lumen

Job Tasks:

- Study and commercialize Rockwell's DCS PlantPAX.
- Study and commercialize Rockwell's data exploitation software: Dataview and Edge gateway.
- Work in collaboration with Samson for valves sales in Quebec.

Skills Developed:

- ✓ Knowledge of an array of Rockwell products: PlantPax, Plcs, drives...etc
- ✓ Formed and certified in PlantPax+ Dataview and edge gateway.
- ✓ Basic knowledge of Samson control valves especially 3241 control valves.

Results:

- ✓ Sales of PlantPax to companies in Trois rivières, Val d'or and Montreal.

Automation engineer

April 2022-July 2022

Services RL

Job Tasks:

- Program specific applications on SCADA software Ignition.
- Work with customers to design and optimize KPIs.

Skills Developed:

- ✓ Above basic knowledge of Ignition and FT view SCADA.
- ✓ Expand on my preexisting knowledge as an intern of KPIs.

Results:

- ✓ Build some dashboards that are still in use in the company.

Study project

Project robotic production cell

September 2018- December 2018

École de technologie supérieure

Tasks:

- Program PLC routines with Allen Bradley PLCs.
- Program ABB robot.
- Manage communication between robot and PLC.
- Program the panelview HMI.

Skills Developed:

- ✓ Communication management between ABB robot and AB PLC.