ESTELLE DARCY

**PROCESS ENGINEER**

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# SUMMARY

Practical Engineer with Significant Experience in Process Design, I have worked with some organizations, ensuring a grounded approach to my profession, leveraging my expertise to optimize processes and deliver innovative solutions that meet business objectives.

# PROFESSIONAL EXPERIENCE

## Instrument Tech, Morcelle Program

**Jan 2024 - Present**

Led development of an advanced automation system, achieving a 15% increase in operational efficiency.

Streamlined manufacturing processes, reducing production costs by 10%.

Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.

## Internship, XarrowAI Industries Jun 2022 - Aug 2022

Designed and optimised a robotic control system, realizing a 12% performance improvement. Coordinated testing and validation, ensuring compliance with industry standards.

Provided technical expertise, contributing to a 15% reduction in system failures.

# PROJECTS

## Industrial Basics and General Application

University of Engineering Process Cohort Automotive Technology.

## Jan 2023 - Jun 2023

Technological Advancements within the current Chemical & Process Industry”. Other relevant information.

# SKILLS

Prototyping Tools User Research

Interaction Design Visual Design

Accessibility Responsive Design

# EDUCATION

## Bachelor of Design in Process Engineering

Engineering University

Relevant coursework in Process Design and Project Management.

**Sep 2019 - Sep 2023**

# ADDITIONAL INFORMATION

**Languages:** English, French, Mandarin.

**Certifications:** Professional Design Engineer (PDE) License, Project Management Tech (PMT), Structural Process Design (SPD).

**Awards/Activities:** Most Innovative Intern of the Year (2022), Overall Best Intern, Division Two (2022), Onboarding Project Lead (2024)