

# Ronan Meyer

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## SUMMARY

Experienced PLC Programmer and Control Technician with over three years of hands-on expertise in programming PLC and HMI controls. Proven success in designing and implementing control solutions for diverse material handling systems. Recognized for multitasking in fast-paced environments while maintaining exceptional organization and attention to detail. Skilled educator, providing training and technical support to technicians to enhance device troubleshooting skills. Strong collaborator, liaising with internal and external stakeholders to achieve operational efficiencies and develop best practices. Committed to fostering a culture of safety and compliance in all projects.

## EXPERIENCE

PLC Programmer and Control Technician

June 2023 - Present

Tech Innovations Inc.

Chicago, IL

Focused on programming PLCs and managing automation solutions for material handling systems. This role involves high-level design, electrical troubleshooting, and team leadership.

- Created effective control solutions for 10+ material handling systems, boosting overall efficiency.
- Trained 5 junior technicians, enhancing their skills in device troubleshooting and preventive maintenance.
- Utilized AutoCAD for electrical schematic development, ensuring precise compliance with industry standards.
- Resolved various electrical issues efficiently, cutting downtime across production lines by 25%.
- Collaborated with teams to refine work procedures, facilitating improved service delivery and feedback mechanisms.
- Enhanced PLC/HMI programming, successfully optimizing system responsiveness and stability.

Control Systems Engineer

January 2021 - May 2023

Automation Specialists LLC

Naperville, IL

Managed automated control systems for industrial applications, focusing on troubleshooting and enhancements to improve operational performance.

- Led modifications to PLC programs, resulting in significant increases in line control efficiency.
- Identified and addressed more than 50 critical issues during extensive testing on control panels and components.
- Served as liaison for stakeholders, ensuring clear communication during system upgrades.
- Documented best practices for circuit designs, contributing to robust training materials for new engineers.
- Initiated a project that implemented new automation technologies, which raised production output by 15%.
- Prioritized safety, guaranteeing all electrical installations met established codes and standards.

Junior Control Technician

June 2020 - December 2020

Innovative Control Solutions

Aurora, IL

Supported senior engineers in automating processes and troubleshooting control systems, gaining foundational experience in industrial domains.

- Assisted in the configuration and programming of PLCs tailored for manufacturing clients.
- Helped develop training modules, streamlining onboarding for new technicians.
- Reviewed electrical schematics using AutoCAD, ensuring project documentation accuracy.
- Engaged continuously with emerging automation technologies to optimize knowledge base.
- Collaborated on process improvement initiatives, contributing to greater system reliability.

## LEADERSHIP & AWARDS

- Certified Automation Professional (CAP) - 2021
- Industrial Process Improvement Award - 2023

## EDUCATION

Bachelor's Degree in Electrical Engineering

University of Illinois GPA: 3.5

2020

Champaign, IL

Coursework: Control Systems, Circuit Analysis, Automation Technologies, Signal Processing

## CERTIFICATIONS

- Certified Automation Professional (CAP) 📅 2021
- OSHA Safety Certification 📅 2022

TECHNICAL SKILLS

- **Programming Languages:** Ladder Logic, Structured Text, Function Block Diagram
- **Software Tools:** FactoryTalk View, RSLogix 500, Siemens TIA Portal
- **Control Protocols:** Modbus, Profibus, EtherCAT
- **Electrical Components:** Relays, Contactors, Sensors
- **Maintenance Techniques:** Predictive Maintenance, Routine Checks, Crisis Resolution
- **Design Software:** EPLAN, Visio, SolidWorks
- **Testing Methodologies:** Simulation Testing, Fault Tree Analysis, Reliability Testing
- **Regulatory Standards:** ISO 9001, NEC, NFPA 70E
- **Project Management Tools:** Trello, Asana, JIRA
- **Communication Tools:** Slack, Microsoft Teams, Zoom

SKILLS

- |                         |                              |                        |                      |
|-------------------------|------------------------------|------------------------|----------------------|
| • PLC Programming       | • Electrical Troubleshooting | • Documentation Skills | • Team Leadership    |
| • HMI Design            | • Preventive Maintenance     | • Process Improvement  | • Safety Standards   |
| • Industrial Automation | • Control Systems            | • Communications       | • Project Management |
| • AutoCAD               | • Mechanical Skills          | • Multitasking         |                      |

PROFESSIONAL AFFILIATIONS

- Member, International Society of Automation (ISA)
- Volunteer, STEM Outreach Program

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST