

PLC Controls Engineer

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Demonstrated ability to tackle challenges effectively with innovative solutions and adjustments.



Proven skill in delivering ideas and project updates clearly to diverse audiences and stakeholders.



Regularly collaborated with fellow engineers, fostering consistency and improving project delivery outcomes.



Applied attentive detail in project documentation creating transparency and efficiency standards.



Quickly assimilated knowledge across varied subjects, unveiling insights for project benefits and adjustments.

Testing Protocols

University of Louisville 📅 August 2024 - May 2025 📍 Louisville, KY

User Interface Development

Communication Skills

System Installation

LANGUAGES

English Native

Spanish Proficient

MY CAREER

1.9
YEARS

● Electrical Engineering Intern
at University Research Lab (1.2
Years)

● Capstone Project Developer
at University of Louisville (9
Months)

Directed a capstone project aimed at building a robotic prototype controlled via PLC technology, enriching understanding of machine automation principles. Led a group effort toward refining automated functions while integrating critical feedback from project evaluations.

- Led a team focused on elevating prototype capabilities through comprehensive PLC programming initiatives.
- Engaged in detailed testing cycles that informed measurements and design improvements for enhanced reliability.
- Utilized prominent software tools for simulations, bringing innovative concepts alive during showcase presentations.
- Articulated project results clearly, reinforcing collective understanding among peers and evaluators.
- Collaborated across disciplines, harmonizing efforts connected to mechanical and electronic component integration.
- Received accolades for original contributions and effective execution exemplifying academic prowess and teamwork.

LEADERSHIP & AWARDS

- Dean's List (2024, 2025)
- Engineering Student of the Year (2026)

CERTIFICATIONS

- Certified PLC Programmer 📅 2026
- Electrical Safety Certification 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Engineering Society (2024 – Present)
- Volunteer, Robotics Club (2023 – 2026)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST