



Zayden Strickland

Electrical Controls Estimator-Engineer

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SUMMARY

Recent graduate with a Bachelor's degree in Electrical Engineering and hands-on experience in control systems development through academic projects. Proficient in AutoCAD, with a solid understanding of the National Electric Code and electrical wiring principles. Demonstrates strong mechanical and electrical aptitude along with effective communication skills, making a valuable asset to engineering teams. Committed to continuous learning and professional development in the electrical engineering field. Eager to contribute fresh perspectives and technical insights to elevate project standards within a collaborative environment.

EDUCATION

Bachelor's Degree in Electrical Engineering

University of Illinois 🎓 GPA: 3.7 📅 2025 📍 Champaign, IL

Coursework: Control Systems, PLC Programming, SCADA Systems, Electrical Wiring Principles

TECHNICAL SKILLS

- **Design Software:** AutoCAD, SolidWorks, Revit
- **Programming Languages:** Python, C++, Java
- **Documentation Tools:** Microsoft Word, Excel, PowerPoint
- **Control Systems:** PLC, SCADA, HMI
- **Electrical Standards:** National Electric Code, IEC Standards, IEEE Standards
- **Testing Equipment:** Multimeter, Oscilloscope, Data Logger
- **Project Management Tools:** Trello, Asana, Microsoft Project
- **Lab Equipment:** Function Generator, Signal Analyzer, Power Supply
- **Research Methodologies:** Quantitative Research, Qualitative Analysis, Case Studies
- **Simulation Tools:** MATLAB, Simulink, PSCAD

EXPERIENCE

Control Systems Developer

University Project 📅 January 2026 - Present 📍 Chicago, IL

Focused on developing innovative control systems using programmable logic controllers (PLCs). Collaborated on multi-disciplinary projects to create efficient designs that meet regulatory expectations. Supported team dynamics by sharing knowledge gained from research, yielding practical solutions for complex challenges.

- Developed control schematics and panel layouts for a capstone project focusing on PLC-based control systems.
- Collaborated with peers to generate performance specifications and cost estimates for project deliverables.
- Conducted research on variable frequency drives to implement in system designs, enhancing project outcomes.
- Created project presentations and documentation for final project review, successfully meeting academic standards.
- Analyzed and interpreted design drawings to ensure compliance with electrical standards.
- Utilized AutoCAD to produce detailed project drawings, improving visualization and stakeholder understanding.

Electrical Engineering Intern

Academic Research 📅 September 2025 - December 2025 📍 Chicago, IL

STRENGTHS

- 👥 **Effective Collaboration**
Facilitated group discussions that inspired innovative ideas, becoming a trusted resource among classmates.
- 📄 **Detailed Documentation**
Produced comprehensive project documents that improved clarity for technical reviews, resulting in positive feedback from faculty.
- 🔧 **Technical Proficiency**
Embraced new tools like AutoCAD, allowing seamless integration into engineering workflows and enhancing project efficiency.
- 🔄 **Adaptability**
Quickly adjusted project plans in response to feedback, demonstrating responsiveness and commitment to quality.
- 🤝 **Community Engagement**
Led initiatives that engaged students in technical subjects, significantly impacting their interest in engineering.

SKILLS

AutoCAD Microsoft Office Suite

PLC Programming

SCADA Systems

Electrical Wiring Principles

Team Collaboration

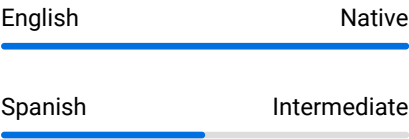
Project Management

Communication Skills

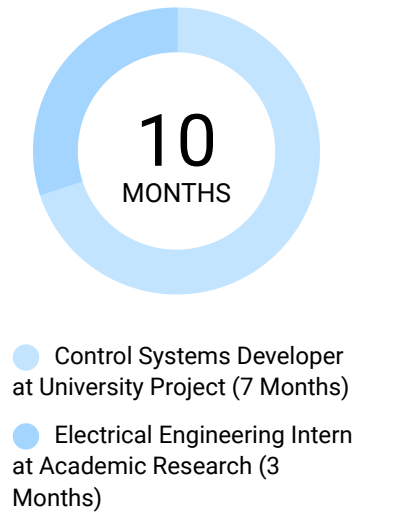
Safety Compliance

<u>Problem Solving</u>	<u>Technical Writing</u>
<u>Research Skills</u>	<u>Data Analysis</u>
<u>Circuit Design</u>	<u>Field Testing</u>

LANGUAGES



MY CAREER



Engaged in high-impact projects related to SCADA systems for water management. Contributed to real-world applications while following best practices in electrical design and safety. Fostered cooperative relationships among team members through active participation.

- Assisted in the design and testing of SCADA systems for water management applications.
- Engaged in hands-on learning about electrical wiring and control systems during laboratory sessions.
- Participated in team meetings to discuss project progress and share insights on engineering best practices.
- Developed detailed reports on research outcomes, contributing to the overall knowledge base of the team.
- Gained experience in using Microsoft Office for project documentation and communication.
- Supported the evaluation of technical specifications, aligning research with industry standards.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois (2025)
- Engineering Scholarship Recipient (2025)

CERTIFICATIONS

- AutoCAD Certified User 📅 2026
- OSHA 10-Hour General Industry Safety and Health 📅 2026

PROFESSIONAL AFFILIATIONS

- Member of the Engineering Student Association, facilitating workshops on emerging technologies.
- Volunteer for the local community STEM outreach program, promoting engineering education among high school students.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST