Trevin LaVoie

785-285-8876
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Education | University of K-State Salina

Anticipated May 2027

B.S Robotics and Automation Engineering Technology
Relevant Knowledge: Logix5000, Ignition, Programming, CAD, and PCBs

Work Experience

Intern | Northwind Technical Services | Sabetha, KS

May 2022—Aug. 2026

- Trained in Logix5000 v34 with CompactLogix and ControlLogix, PLC programming, and Rockwell Software, created operator controls in Ignition and Factory Talk ME
- Assembled and wired a variety of control panels such as HMI and MCP panels and determined issues such as missing parts, wiring mistakes, and safety concerns
- Programmed P&IDs and Breakouts and familiar with control panel drawings

College Involvement

Senate Chair | Student Government Association

Aug. 2024—2026

- Created workflows with Power Automation to standardize and track documentation through a Microsoft web-based platform called SharePoint
- Developed a search system with Power Apps to improve access to our documents and help creation and processing as well
- Led meetings and maintained operations in legislation, senate, and cabinet and helped bring some automation to our communication and coordination

Tutor & Cybernetics Club

Aug. 2024—Current

- Engaged with engineering students, and focus helping students with mathematics, core classes, or projects

College Projects

- Hydroponics System Design and Construction (Group Project, Role: Design Engineer) — Jan. 2025—May. 2025

  Modeled with AutoCAD and Fusion, researched & designed an assembly, and collaborated with other engineering students

- Automated Febreze Bottle (Individual Project, Electrical & Design) — Aug. 2025—Dec. 2025

  Programmed a servo control system using C, and designed a custom PCB and built a custom control system using a microcontroller

Skills & Rewards

- Human Skills, Leadership Skills, Technical Skills, and Conceptual Skills
- Eagle Scout Award