

QA Automation Engineer Intern



SEPTEMBER 05, 2026

Hiring Team
HarborPoint Logistics Operations
Operations Internship Team
Mt. Juliet, TN

Dear Hiring Team at HarborPoint Logistics Operations,

I am applying for the QA Automation Engineer Intern position with HarborPoint Logistics Operations for Summer 2027. I am pursuing a Bachelor of Science in Electrical Engineering at Carolina State University, with graduation expected in May 2028. My lab and project work has focused on automation systems that move, sort, scan, and track products.

As an Automation Engineering Student Research Assistant, I configured a four-station conveyor and sortation test cell with **PLC/PC controllers**, sensors, barcode scanners, and motor starters. I traced intermittent stoppages through **Ethernet** and **DeviceNet** diagnostics, then compared controller logs with sensor states to find wiring, timing, and device-addressing faults.

I have built **SCADA** dashboards for throughput, accumulation, fault codes, and restart duration. In a parcel-routing project, I programmed interlocks and fault recovery sequences and tested more than 40 scenarios involving blocked sensors, missing labels, and motor overloads. These projects gave me practical experience with **MHE metrics**, structured troubleshooting, and **standard work**.

This internship interests me since the work connects controls engineering with order speed and accuracy in a real operations building. I am ready for hands-on equipment support, shift-based work, and clear communication with maintenance and operations teams. I would welcome the chance to bring my PLC, industrial networking, and **continuous improvement** experience to your RME team.

Thank you for your time and consideration. I look forward to the opportunity to discuss how I can support HarborPoint Logistics Operations.

Sincerely,