

I'm reaching out on behalf of an expanding **engineering company** with a local office right here in **Newark**. We specialize in a really cool, high-impact niche: **Control System Integration**.

We are currently looking to hire bright, motivated **Recent College Graduates** ("Fresh-Outs") and we believe many of your talented **undergraduate students** would be an excellent fit for our team.

What We Do: The Cool Niche

Our primary focus is modernizing and improving the control systems that run critical infrastructure across a massive range of industries. This means your work is vital—you'll be improving efficiency, security, and lifecycle management for major manufacturing operations.

Our "typical" project is hands-on and spans the entire engineering lifecycle:

1. **System Review:** Walking through older factories to review existing control systems (DCS/PLC).
2. **Upgrade Strategy:** Determining required upgrades from both a **life-cycle** and **cybersecurity** perspective.
3. **Design & Documentation:** Creating engineering drawings and redlines to communicate panel modifications to our subcontractors (with support from our internal CAD group).
4. **Programming:** Re-programming the controller (DCS/PLC) to replicate existing functions and implement improvements.
5. **Operator Interface (HMI/SCADA):** Re-programming the operator interface, optimizing it to align with modern standards like **ISA101** to drastically decrease operator response times.
6. **Testing & Startup:** Traveling to the customer site for final testing and system commissioning.

While we do greenfield (new) projects, the bulk of our work involves upgrading legacy systems—meaning you'll always have challenging and diverse problems to solve.

Experience the World of Manufacturing

One of the most exciting parts of this job is the incredible variety of facilities you will visit and impact. In this role, you could potentially work on control systems for everything from:

- **Pharmaceuticals:** Injectable drugs (e.g., flu vaccine)
- **Heavy Industry:** Gold mines, steel plants, power generation (nuclear and thermal)
- **Consumer Goods:** Toothpaste, chocolate, flooring, roofing shingles
- **Food & Beverage:** Soda (Coke & Pepsi), dairy processing
- **Chemicals:** Various plastics, chemical, and petrochemical factories

If you are a recent graduate (or graduating soon) with an interest in **real-world controls, automation, and industrial technology**, this is a truly unique opportunity to launch your career.

Next Steps

Interested candidates are encouraged to email me their resume and a brief cover letter outlining their interest in control systems integration.

We look forward to connecting with the next generation of engineering talent!

Sincerely,

Kurt Niehaus

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