Sofia Anthony

Instrumentation & Controls Engineer Intern

(205) 555-1234 sofia.anthony@example.com linkedin.com/in/sofia-anthony Tuscaloosa, AL 35401

AUGUST 20, 2026

Tech Innovations Group
Hiring Manager
Birmingham, AL

Dear Hiring Manager,

I am eager to apply for the Instrumentation & Controls Engineer Intern position at Tech Innovations Group. This role resonates with my expertise and burgeoning interest in energy systems, truly sparking my intellectual curiosity.

While engaging in my academic journey, I tackled various engineering challenges. Collaborating effectively within my project team, we constructed advanced models in MATLAB, showcasing innovations that could enhance workflow efficiencies and strategically reduce redundancies.

Throughout my experiences, I faced moments of hesitation. Balancing projects and academic pressure revealed limitations. Yet, I utilized these instances as opportunities for growth, mastering programming and analytical techniques, while delivering ambitious results.

A noteworthy project involved the design of an automated energy monitoring system. This prototype improved data accuracy significantly and received acclaim at our university for its practical applications in real-world contexts. Such experiences have prepared me for the demands of this internship.

Passion drives my dedication to engineering. Pursuing a minor in Computer Science complements my mechanical insights, ensuring I innovate with a diverse toolbox. Technical skills combined with enthusiasm for energy topics can contribute meaningfully to your team.

Looking forward to discussing this exciting potential.

Thanks,

Sofia Anthony