SYDNEY WHEELER

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Summary

Dynamic engineering professional with hands-on experience at Control Southern, specializing in control valve management and process specifications. Proven ability to enhance project outcomes through effective stakeholder communication and project oversight. Skilled in AutoCAD and vibration analysis, contributing to successful engineering solutions in complex environments.

Skills

- Control valve management
- Process specifications
- Design for manufacturing
- Project management
- Power BI
- Valve sizing
- Vibration analysis
- Advanced Excel and SolidWorks skills
- Stakeholder communication
- Business Management

Experience

Control Southern | Johns Creek, Georgia
Valve and Specialty Application Engineering Intern
05/2026 - 08/2026

- Led selection and specification of control valves based on customer process conditions and application requirements.
- Evaluated customer requests and technical specifications to provide precise product recommendations.
- Researched and presented control valve applications in the pulp and paper industry, assessing valve technologies and process requirements.
- Partnered with Blue Origin on the reconstruction of a major aerospace launch facility following a launchpad incident, supporting large-scale project execution.

Reeves Young | Suwanee, GA
Project Engineering Intern
05/2023 - 07/2025

- Conducted on-site surveys to evaluate land conditions and track work progress, enhancing project oversight.
- Reviewed, edited, and developed engineering drawings using online software, ensuring accuracy and compliance with project specifications.
- Compiled weekly progress reports on construction and engineering activities for owners, facilitating informed decision-making.

Education

University of Georgia | Athens, GA
Bachelor of Science in Mechanical Engineering, Business
Expected in 05/2028

- Certificate in Aerospace Engineering
- American Society of Mechanical Engineering Member, 2026
- Morehead Honors College
- GPA: 3.65/4.00
- Charter Scholarship Recipient

- Member of Delta Zeta, 2024