



Electro-Mechanical Systems Engineering Student Associate

Fall 2017 (Full-time Co-op)

Req #: 116049S

Qualified applicants must be currently enrolled in an accredited degree program and have a minimum GPA of 3.0.

Work Location: Cary, NC

Overview of LORD:

- LORD Corporation is a diversified technology and manufacturing company developing highly reliable adhesives, coatings, motion management devices, and sensing technologies that significantly reduce risk and improve product performance. For more than 90 years, LORD has worked in collaboration with our customers to provide innovative oil and gas, aerospace, defense, automotive and industrial solutions. With world headquarters in Cary, N.C., LORD has approximately 3,100 employees in 26 countries and operates 19 manufacturing facilities and 10 R&D centers worldwide. LORD actively promotes STEM education and many other community engagement initiatives.

Job Description:

LORD Corporation is currently seeking a talented and highly motivated student that will assist engineers in the development, design, manufacturing, and testing of products for LORD electro-mechanical applications. Assignments will include a variety of mechanical/electrical related tasks. LORD is conducting R&D and design in various sensing and vibration control applications used in high speed machinery. Activities may entail component or system testing in a lab environment, control system design, test rig design using Autodesk Inventor, test rig assembly and checkout, design, simulation and development of signal processing, calibration, and vibration control algorithms for use in embedded systems. The candidate must have flexibility, creativity, and enthusiasm to solve challenging problems in a team environment.

Requirements:

Undergraduate or graduate college student pursuing a degree in Mechanical Engineering, Aerospace Engineering, Electrical Engineering, Software Engineering or related degree program with a minimum GPA of 3.0 or higher.

- Must have strong analytical, mechanical conceptualization, and problem solving capabilities.
- Familiarity using CAD (3 dimensional Auto CAD/mechanical desktop) or related tools.
- Knowledge of system dynamics, vibration theory, controls systems and signal processing will be useful for the job but not required
- Effective verbal and written communication skills.
- Computer proficiency in Microsoft Word, Excel and PowerPoint
- Ability to work independently with minimal supervision and within a team environment.

To Apply: Please submit your resume and any supporting materials electronically at www.lord.com.

Please see job number above for reference. If you have any questions or need assistance, contact Alyson Davis at 919-342-3392 or email Alyson_Davis@lord.com

LORD Corporation is a Diverse Work Force Employer

LORD Corporation is a privately held corporation with over \$860 million in sales and a leader in the development, manufacture, and marketing of innovative adhesives, coating and motion management products.

EOE/M/F/V/D