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Juan Castillo
Motion & Control Technologies in Robotics Tester

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November 3, 2024

Lina Urrea
Hiring Manager
UNAD
English B2
900005

Dear Lina Urrea,

I'm excited to apply for the Motion & Control Technologies in Robotics Tester position at UNAD that I found on LinkedIn. I understand that UNAD was included in a "Times Higher Education (THE)" list. I am Juan Sebastian Castillo Amaya, an electronic engineer, and a mathematics and economics enthusiast. I have worked as a Maintenance Assistant at SGS and as an Instrumentation and Control (I&C) Engineer at IDOM. In each job, I have had different responsibilities, first in maintenance and later in the development and design of petroleum and gas infrastructure.

As a Maintenance Assistant at SGS, I acquired different skills in troubleshooting and laboratory operations. After that, I worked in Instrumentation and Control (I&C) engineering for the Oil and Gas (O&G) field at IDOM, where I learned about standards for the design and testing of critical industrial infrastructure. I am able to read and create Piping and Instrumentation Diagrams (P&IDs), Process Flow Diagrams (PFDs), cause-and-effect matrices, and loop diagrams. Therefore, I can understand how a plant works or how it was designed to conduct tests.

I would like to work with you because I feel that I would be able to improve my skills in Robotics and Building systems. Furthermore, I can help the company by providing insight from the user's perspective due to my experience in maintenance, and I can verify the appropriate standards for each product of the company.

Thank you for your time and consideration. I'm looking forward to learning more details about the Motion & Control Technologies in Robotics Tester position at UNAD. Growth is essential to my continued success, and I'm excited for the chance to be a part of UNAD's industry-leading team. My proven track record and UNAD's quality products are a winning combination for increasing the company's market share.

Sincerely,
Juan Castillo