

Carlos Felipe **Alcala Perez**

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Research Engineer

Rockwell Automation

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MILWAUKEE, WI

Application for Advanced Technology Researcher

Dear Hiring Manager,

I am interested in the Advanced Technology Researcher position available at Rockwell Automation. I am a Doctor in Engineering with ample experience in Research and Development in the Building Automation field. My expertise is in the analysis, monitoring, control and optimization of process systems. I have developed, implemented and patented solutions in the fields of system identification, time series analysis, machine learning, multivariate statistical modeling, classical control theory, among others. The attached resume shows a list of the patents that have been granted for these projects.

I am also very experienced with computational tools for analysis and manipulation of data, general programming, modeling and simulation of control systems, version control, containerization, report generation and command line scripting.

Besides my technical skills, I have very good interpersonal skills that allow me to connect and collaborate with people effortlessly; I am a quick learner that can get up-to-speed with new methods, tools and concepts in a short time. Given the description of the Advanced Technology Researcher position, it seems my skills are great match to it.

Thank you for your consideration and I am looking forward to hearing from you.

Sincerely,

Carlos Felipe Alcala Perez

Attached: Resume