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Dear Hiring Manager,

Your job description for an Automation Controls Engineer perfectly matches my qualifications, and I am very interested in the opportunity.

During my past three-year engineer experience, I am adept in cross-functional teamwork, equipment maintaining, and research based instrument development. My current work all involved in R&D projects and mainly focused on phase III which is products driven. From electrical design, circuit layout and fabricate to unit installation and testing, I gained a lot cutting edge technologies. Plus, my software background helped me with different controlling system process understanding and HMI programming.

Below are some of my most important qualifications:

- Industrial Robot & Cobot system setup and maintenance.
- AC motor and stepper motor servo, control and encoder utilization.
- Embedded system software design and development.
- Solid modeling computer aided design (SolidWorks).
- Electrical circuit design, layout and fabricated (Altium Designer).
- Presented automation proposals to non-technical stakeholders.
- Calibrate, program, and repair automation equipment on a regular basis.

In addition to my experience and personal qualities, my bachelor's degree in Electrical Engineering has given me solid foundation. And my master's study provided me hands-on skills and engineer passion. If you think my skills and experience would be an asset to your organization, then I would love to come in for an interview at your earliest convenience.

Thank you for your time and consideration.

Sincerely,

Chen Liu