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Dear Sir or Madam,

I am writing to express my interest in the full-time opportunity with the engineering department in your company. After visiting your website and knowing about this job, I believe my skills and background make me a good fit for the engineering position.

I am studied Electrical Engineering in University of Cincinnati as an undergraduate, with a minor in Mathematics and Embedded systems, and just graduated in May this year. While I have a comprehensive background in electronics, signal processing and programming, I decided to focus my senior undergraduate study on Embedded Systems field. Your agency places prominence in similar areas. Having the privilege of working as an intern will offer me the skills and exposure that I need to advance my career while using what I have already learned to make an impact on your service and products.

Previously, I had Co-oped at Ethicon Inc, a company that designs and engineers medical surgery devices. During that Co-op, I went through all phases in embedded system prototyping, including hardware designing, assembly, testing and firmware programming. My other working experience is at Jergens Inc, a manufacturing company where I implemented an automatic assembly system with controllers and mechatronics. For my senior Capstone project, together with three other students, we designed a modular garden monitoring system as a proof-of-concept IoT device, and provided implementation with hardware, firmware and user application software. When I was a full-time student, I like to work on small electronics/programming projects that interest me personally then archive them at my website for documentation and showcase.

I wish to have an opportunity to work for your company if this job is still available. I am currently in the application phase of my OPT and expect to have it by July 2021. Please let me know if there any questions or interest.

Thank you for your consideration.

Sincerely yours,

Liu (Zuguang Liu)