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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 this job, I believe my skills and background make me a good fit.

I studied Electrical Engineering in University of Cincinnati as an undergraduate, with a minor in Mathematics and Embedded systems, and received my Bachelor of Science degree in May this year. While my college gave me comprehensive background in control systems, signal processing and programming, I decided to explore further in the intelligent system track for graduate school. Through the ACCEND Program, I have expanded my study in the area of robotics, data mining and machine learning, during which I have largely improved my software development skills as well. Your agency places prominence in similar areas. Having the privilege of working at your company 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.

In my most recent research in my school's MHCI lab, apart from applying data analysis methods to decompose and classify streamlined electroencephalogram (EEG) data, I helped with a robotic project integrates multiple AI-related principles including SLAM, NLP and BMI. In my last Co-op at Ethicon, I designed and implemented a dynamic feedback control system for NFC sensors, which were used in the prototype machine for the team. As a TA for a biology class that teaches students animal sensory with robotics, I implemented sensor fusion and computer vision algorithms as a backend method to the students' simulation. When I am 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)