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Dear Hiring Manager at Trane Technologies,

My name is Adam Rogers, and I am a Junior Computer Engineering Student at Syracuse University applying for the position of Firmware Engineer Intern. I believe that my experienced skillsets in embedded programming and VHDL, as well as my background of customer service, would make me a perfect match for this position.

I have spent my sophomore and junior years here at SU learning digital logic and microcontroller programming, where I have had labs making simple CPUs, and programming a microcontroller to act as an elevator controller. During the summer of '26, I gained work experience at HII Mission Technologies, developing with various different FPGA boards and microcontrollers. I am confident in my understanding of technical terms in my field, and my knowledge of customer experience at prior work experiences has helped me develop intuition about what the customer wants to hear. I am especially interested to learn about the sales aspect of engineering, and how I can further my understanding of this field with it.

I believe that Trane Technologies would be a great fit for me, and focusing on the sales and technical consulting side would be a new and exciting challenge, and allow me to develop new communication skills. With this I believe I can contribute to Trane's role in developing crucial climate technology that creates comfortable, sustainable environments and reduces energy consumption.

Being part of that would make me ecstatic, and I can't wait to meet you all in person! Please feel free to reach out so we can discuss some of my work and background, and my projects are also available here:

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585.690.3807

<https://github.com/Adaboss>

Cheers,  
Adam Rogers

