

# Eric Nieto Gonzalez

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Dear Recruiter,

As an Electrical Engineering graduate student at the University of Illinois Urbana-Champaign, I have cultivated a strong foundation in semiconductor device fabrication, nanotechnology, and cleanroom processes. Through hands-on coursework and lab experiences, I have developed both the technical expertise and collaborative mindset needed to contribute meaningfully to innovative engineering teams.

I take pride in my drive and commitment, particularly in leadership roles within campus courses and organizations. For instance, when I took the *IC Device Theory and Fabrication* course, we received the opportunity to be in a fabrication lab and learn about the physical theory and design of devices, emphasizing on semiconductor properties. Techniques covered include epitaxial growth, oxidation, and photolithography to name a few for fabricating devices. Within this process, I took the initiative to lead our team's wafer etching process. This critical task involves handling hazardous chemicals like *Hydrofluoric Acid*, and I volunteered for it not only to safeguard my team but also to gain hands-on experience in a field I am passionate about pursuing. My proactive approach reflects my dedication to both my team's success and my professional growth. This past semester, I built on this experience by taking courses in *Nanotechnology* and *LEDs and Solar Cells*, where I gained skills in theoretical calculations and additional cleanroom lab techniques.

I am confident that my professional and educational background, complemented by my motivation and energy, would be great assets to your company. Although the attached resume outlines my accomplishments, a personal interview would be the only way to fully illustrate why I am an excellent fit for this position. Thank you for your time and consideration.

Sincerely,



Eric Nieto Gonzalez