

NICOLAAS DE JONG

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 Gainesville, FL

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Hiring Manager
CONMED
333 Quarry Rd
Milford, CT 06460

Dear Hiring Manager,

My name is Nicolaas de Jong. I graduated in December with a Master's degree in mechanical engineering from the University of Florida. I am currently a research assistant at the University of Florida, developing engineering tools to extract optical and structural properties from biological systems. More specifically, I worked with the Nature Inspired Research Facility at the Air Force Research Laboratory to build a 3D optical ray tracer to evaluate scans of insect eyes. I worked with physicists, biologists, and entomologists to bring this product to viability. Through this work, I established strong foundations in leading R&D projects and developing technically rigorous solutions.

Before my current research, I gained practical mechanical engineering experience through internships at the medical device companies Treace Medical Concepts and Total Joint Orthopedics. In these roles, I designed mechanical contraptions and tools in SolidWorks that required careful attention to geometric dimensions and tolerances, manufacturability, and material performance. I worked directly with surgeons in cadaver labs to evaluate designs and used rapid iterative prototyping and user feedback to improve reliability and usability. These experiences strengthened my ability to approach engineering problems with creativity, discipline, and effective cross-functional collaboration.

I am very interested in the R&D Engineer II position at CONMED. I am motivated by opportunities to contribute to meaningful engineering projects, solve technical problems, and support teams that bring complex systems from design through implementation. My background in mechanical design, prototyping, software development, and cross-functional collaboration has prepared me to contribute effectively in an engineering role at your company, and I am eager to apply these skills in a professional environment.

Thank you for your time and consideration. I would welcome the opportunity to discuss how my experience and training align with the needs of your engineering team.

Kind Regards,

Nico de Jong

Nicolaas de Jong
Applicant