

Jackson Wills  
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April 4th, 2020

Sarcos Robotics

Dear Hiring Team,

I am writing to apply for the Mechanical Engineer Intern position offered through your website. I am currently a senior at Gonzaga University studying Mechanical Engineering with strong analytic, programming and communication skills. After this summer, I will be moving to Minnesota to start as a Mechanical Engineering PhD candidate. I am doing this because I love to learn, and I believe I can make valuable contributions to the base of human knowledge in mechanical engineering. I want to work for Sarcos this summer because I have heard that Sarcos is a top tier place to learn robotics. Sarcos is doing extraordinary things, and I know that I can learn a lot here.

Before the shutdown of Gonzaga's campus, I was working with one of my professors (Dr. Fitzgerald) to develop equations of motion and a control law for an underactuated rotational inverted pendulum. The system modeling had just been completed when the campus closed, so I never got to use the existing hardware in my professor's lab. Now, I am continuing the project from home, I am trying to create some sort of pendulum at home and control it with a Raspberry Pi. This experience is giving me incredible skills in control systems, dynamics, system modeling, debugging, electromechanical systems, sensors, and actuators.

I know that I can be a valuable asset to Sarcos. I meet and exceed all of the competencies and qualifications on the job posting. I have the technical knowledge, I work and communicate well with people, I have experience with analysis tools (Julia, MATLAB, LabVIEW, SolidWorks), but most of all I have an "insatiable curiosity for science, technology and understanding of how things work." The desire for learning is the one that I think is most important. It is why, even if Sarcos decides to go with another candidate for this specific internship, eventually, I will be on the front lines of whatever field I decide to go into.

What excites me most is what I've heard from my friend Adam Gaia, an intern at Sarcos, about the company culture. I want to learn and contribute – and it sounds like Sarcos has the best environment to do so. What's more, the exoskeleton project Sarcos is working on is the coolest thing ever. This is the cutting edge. I want to be a

part of something like Sarcos in any way that I can. Thank you for your time and consideration

I look forward to hearing back from you soon!

Sincerely,

Jackson Wills

A handwritten signature in black ink, appearing to read "Jackson Wills". The signature is written in a cursive, flowing style with a large initial "J" and "W".