

Dear Hiring Manager:

We all have a passion in life, my passion is engineering. I am actively looking for a job and I would like to bring this passion to your company. While at the GE M&D Center, I continued to pursue my passion by focusing on bottleneck issues to the M&D center. I have improved and standardized the high-speed data collection, this allows us to better troubleshoot problems with gas and steam turbines that we provide remote monitoring and diagnostic services for. Also, I have continued to expand my knowledge base by setting up "learning meets" for my team, which allow us to stay current on the new developments in our field.

My experiences at GE have complemented my educational experience. I graduated from Clarkson University with a Distinction while earning a B.S. in Mechanical Engineering and a minor in Computer Science. In addition to the required college undergraduate coursework, I have taken several hands-on courses in machine shop practices and welding to increase my knowledge of engineering and prototyping. Between 2020 and 2022, I conducted undergraduate research on the manufacturing and testing nanoscale metallic composites and nanofoams, under Dr. Ioannis Mastorakos.

One key thing I have learned through my engineering experience is that you should always use the right tool to do a job. This also applies to knowledge and design. That is, to get the best design you have to use the most appropriate knowledge about the design problem.

I hope what may set me apart from other candidates is that I believe in aggressively learning about the field, the particular knowledge, and the skills necessary for the current design problem I am working on.

If there was one thing that I would like you to know about me, it would be that I don't adapt my design to fit my knowledge and skills, I adapted myself to best solve the problem.

My website which includes my resume and portfolio is <http://dan.laceys.com/>.

Sincerely,

Daniel Lacey