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COVER LETTER

February 3rd, 2021

To the Hiring Division of Markforged:

I am a mechanical Engineer eager to demonstrate that my profile matches really well with the needs of the Materials Print Engineer position! I am known between my peers as a highly versatile, proactive, and responsible research scientist who can work great in a team. During my graduate studies I had the opportunity to become well-versed in a set of skills that can easily translate to this position. In particular, I had to tackle a variety of challenges related to additive manufacturing part design, fracture mechanics, data analysis, coding, polymer processing, and tool-pathing. I've also had the pleasure of working with a Mark Two we house in our lab for a variety of small projects, including using the Onyx material to produce a small, cost effective heat exchanger.

My efforts directly resulted in high ratings from students in multiple classes taught while working as a Teaching Assistant; technical presentations at world-renowned conferences of the likes of SFF, AMUG, and RAPID+TCT; peer-reviewed publications in journals like the Additive Manufacturing journal; and the generation of active funds for the institution through preparation of multi-departmental grants, research ventures, and proposal submissions. I have also successfully managed undergraduate research assistants, and coordinated cooperative projects between universities, industry, and institutes of the likes of BMW, Netzsch, the Technical University of Munich, and the University of Lyon - ENISE.

I believe that my aptitudes can prove beneficial to your enterprise, and I am very eager to demonstrate why over an interview. If my profile interests you, it would be a privilege to discuss details of career opportunities whenever it is convenient for you. Thank you for your time, and I look forward to hearing from you.

Have a great rest of your day,

Gerardo A. Mazzei Capote