

Logan Reed
Philadelphia, PA
☎ (512) 839 - 6662
✉ logan@loganreed.org

Lockheed Martin

July 28, 2023

To whom it may concern,

I am excited to apply for the role of Software Engineer at Lockheed Martin. I totally understand the need you are experiencing, and I have the skills which provide the solution. As a longtime fan of your products/company/purpose, I'm thrilled to bring my passion and deep understanding to Lockheed Martin.

Throughout my undergraduate degree I participated in multiple extracurricular activities based on computer graphics and video game platforms. I have experience in Unity, as well as C++/python interfaces with OpenGL. More recently, I am currently working on a research project which requires me to visualize solutions to partial differential equations over a polygon. During this project I use FEM techniques in conjunction with OpenGL to visualize the polygon and solution as it approaches a minimal value. For this project I also used multiple CI tools, including git, github actions, tox, and poetry, to keep the python environments the same for everyone else on the team. I am also working on a project through the mathematical biology lab headed by Dr. Piccoli, which should have published results by the end of the year.

As I get closer to finishing my Masters degree, I am excited to combine my skill in Geometry/Algebra with my skills and passion in computer science. I have consistently had hobby projects applying my mathematical studies to the realm of computer science, and I would love to further work on the types of projects I am currently researching in an Industry setting. I believe that the combination of my technical skills and my soft skills will make me an invaluable person to have on the team.

Thank you for your time and consideration. I look forward to discussing the position and what I have to offer Lockheed Martin.

Logan Reed