**Kyle Solowiej Hawkins**

**3280 W. Canyon Ln Unit 1 | Tucson, AZ 85719**

ksolohawk@gmail.com **| (303) 518-2637**

Ball Aerospace

1600 Commerce Street

Boulder, CO 80301

To whom it may concern,

Growing up in Boulder exposed me to some of the cool projects developed at Ball Aerospace. Whether it’s working on the Spitzer Telescope, Deep Impact, or James Webb, these are all incredible projects that push the limits of our knowledge. These are the types of projects that I want to work on.

My background is in applied math, optical systems analysis, and polarization. After graduating from the University of Arizona, I used my modelling and analysis skills as an algorithm scientist at a small, optical engineering start-up that created specialized ray tracing software. Working at a start-up exposed me to a breadth and depth of experiences that quickly expanded my technical, business, and communication skills.

My key technical skills include scripting software and experience with optical design programs such as

Polaris-M (Airy Optics, Inc.) and Optic Studio (Zemax, LLC). These skills, combined with hard work, and the ability to communicate clearly with varying audiences prepared me for a larger corporate team.

As an engineer, my greatest strength is my deep understanding of basic concepts. Emphasizing the study of

core mathematical, physical, and optical principles in college provided the foundation for my professional

work because I can readily apply my knowledge of the basics to complicated situations. This allows me

to understand systems and problems that I am working on at a fundamental level.

I would love the opportunity to work at Ball and am eager to understand more about your projects, goals, and interests. I believe I have the skills and work ethic to make a meaningful contribution to your team. I look forward to speaking with you.

Sincerely,

Kyle