I am seeking a position in state-of-the-art research and development of computer and computational sciences. Specifically, I am eager to study and advance algorithms and software for simulations and modeling to increase complexity and fidelity. Through training and practice in computational problem-solving and numerical analysis paired with years of experience striving to develop code with higher degrees of efficiency and elegance, I have built a solid foundation for a career as a researcher. I have a passion for learning and can quickly adapt to new technologies and software packages and platforms.

I excel at both independent and group work and have demonstrated strong leadership ability and oral and written communication of complex mathematical and computational concepts. I have hands-on experience with the acquisition, visualization, and statistical analysis of large data. As evidenced in my resume, I have been recognized for my innovative mathematical thinking and high level of academic achievement. I am determined to pursue a PhD in Applied Mathematics in computation beginning in the fall of 2020 and am searching for a community of researchers to contribute to and grow with during that process.