My research in quantum algorithms and five years as a software engineer, along with strong mathematical and communication skills, will let me be a valuable contributor to your research team.

I offer a multidisciplinary approach to quantum science with quantum coursework in physics, computer science, chemistry, and engineering courses. I have proficiency in quantum programming packages such as QuTiP and Python and systems programming in C/C++, as outlined in my CV.

My research at the University of Colorado focuses on quantum optimization problems and contrast them with classical techniques. I write both mathematical arguments as well as program classical and quantum algorithms to obtain our results. My goal is to combine cutting edge quantum algorithms with existing ideas and software from an industry perspective. As a software engineer at Nasdaq I designed and implemented cloud-based services and understand the need to balance exciting engineering and practical business.

I am eager to contribute to your research team and help advance your company and know that my well-rounded skillset makes me a great candidate for your team.