Dear Hiring Manager,

I recently viewed your job listing for the Computer Processor System and Software Engineer position. I have extensive experience designing and completing research projects as evidenced by my publication record.

For the past 4 years of my PhD work I have performed a wide-range of calculations using licensed and open-source code in high-performance computing environments. My experience with these environments ranged from using and maintaining my research group’s (NTPL) Beowulf cluster to the using the Department of Defense’s HPC resources, which are very large-scale (100,000+ core) systems.

As a leader in HPC, I initiated the use of open-source language (Python), code version control (Git), and data presentation and sharing (Github) for members of my research group, NTPL, and others. I have extensive experience performing research projects in collaboration on a global scale, including programming-based projects. I am committed to teamwork and communication, as I have strived to improve communication between myself, members of my research group, and the research community.

I look forward to hearing from you.

Thank you,

Jason Larkin