Dear Hiring Manager,

I recently viewed your job listing for the Professional Services Engineer - East Coast position. My personal and professional objectives are well aligned with Penguin Computing’s mission and I am excited by the opportunity to apply.

I have extensive experience designing and completing research projects as evidenced by my publication record. In particular, my PhD work included designing and completing software-based numerical research projects using a wide range of computing platforms.

For the past 4 years of my PhD work, I have used a Penguin Computing delivered resource, <http://gilgamesh.cheme.cmu.edu/doc/gilgamesh.html>, where I have performed a wide-range of calculations using open-source code.

I also have extensive experience using and maintaining my research group’s (NTPL) Beowulf cluster, which shares many similarities with the Gilgamesh resource. I also have experience using the Department of Defense’s High Performance Computing resources, which are very-large scale (100,000+ core) systems.

I am excited by the range of computing resources that Penguin Computing delivers, from the departmental clusters to Top 100 systems. I am also excited by Penguin Computing’s commitment to open-source development. I initiated the use of open-source operating system (Linux), 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 appreciate Penguin Computing’s commitment to teamwork and communication, as I have strived to improve communication between myself, members of my research group, and the research community.

My graduate work demonstrates that I adapt quickly to new fields, and I am eager to do so at Penguin Computing. I look forward to hearing from you.

Thank you,

Jason Larkin