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Fri 17<sup>th</sup> Jul, 2015

To whom it may concern,

I have recently graduated with a master's degree from Michigan Tech in applied mathematics after completing a B.S. in physics and mathematics. I would be a great fit at Batelle given my educational background.

I will contribute to Batelle utilizing my entire educational background. My B.S. and M.S. in applied mathematics has provided me with extensive experience developing and implementing numerical algorithms in Matlab and C. Furthermore my B.S. in physics has provided me a broad background in the physics underlying many of the useful applications for the mathematical models. My education and personal experience has further provided me with extensive experience working in a Linux environment and scripting jobs using BASH. Furthermore I find tackling new problems invigorating, and have participated in programming AIs in the annual BonzAI Brawl using JAVA and have created particle simulations in my free time using Python among other projects. Beyond my technical qualifications, I have had a life long fascination with pushing the boundaries of humanity's capabilities - especially through developing new algorithms for novel applications.

My educational background in mathematics will allow me to approach this position with the technical skills required while my undergraduate in physics will provide a strong foundation for the scientific principles necessary to understand the data. Furthermore, having taught throughout my education along with compiling reports throughout my education will allow me to effectively communicate and collaborate with a wide variety of professionals. Thank you for your time and consideration, and hope to hear from you soon.

Sincerely,

Peter M. Solfest

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