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Jacobs School of Music
Indiana University
107 S. Indiana Avenue
Bloomington, IN 47405

February 27, 2022

Dear Sir or Madam,

I am writing to apply for the Software Engineer position with the Center for the History of Music Theory and Literature. I have several years of experience writing software in C++ and Python and a strong desire to learn new skills, and I feel that I would be a great fit for the position.

As my resumé shows, my degrees are in physics and mathematics. However, I do have several years of experience as a software developer through my involvement with several research teams, and through my personal projects. I feel that this professional experience has given me strong software engineering and related skills that make me a great fit for your open position. In addition, my background in physics and math has given me excellent analytical and problem solving skills. These skills are essential in the software development field, and I believe that my background sets me apart as a unique applicant.

I am most proficient and comfortable writing C++. Most of my professional software development experience has involved writing C++, and I am familiar with a variety of C++ programming styles, both old and new. I also have substantial experience with Python development and some experience with front and back end web development which I feel would be valuable in this role.

In addition to my software engineering experience, I have held other professional roles that make me particularly qualified for this position. My work as a special collections processing assistant at Cornell University is highly relevant to this position, as my primary duties for that role were the digitization and cataloging of rare and manuscript items. I also have a strong music background, as I was a professional musician for several years in middle school and high school. I played hundreds of jobs over the summer in my family's band (which included my brother, a current Jacobs School of Music student).

I hope that you will consider me for your team, and I look forward to hearing from you. Thank you for your time.

Sincerely,

John Mastroberti