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Mr. Mike Guthrie
Residence Hall Peer Tutoring Manager
350 Morrill Tower 1910 Cannon Drive
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Dear Mr. Guthrie:

I have a unique interest in peer-tutoring program. Not only because it is enjoyable to assist others to understand science and math, but also because tutoring is beneficial to myself. I believe that communicating with people who are confused on a topic and coming to understanding is a great way to study for both tutor and tutee.

Based on my personal experiences on helping peers, students having difficulty with math and science have two big reasons: insufficient understanding of previous subjects and difficult abstraction of topics.

In order to assist them, I have used some pre-college level math references to get some excerpts on certain topics. For instance, to understand trigonometry transformations in calculus, it is imperative to know basic trigonometry functions and their properties. So I made a piece of paper about basic trigonometry from high and middle school books so that the student can remind some topics from the previous and understand the current topic. This is important process for each student, including myself, since professors would not prefer to review all the previous topics within their limited class time.

Besides, especially about physics, it is indispensable to imagine the movement of various objects, which is very difficult. So I used a computer program, MATLAB, to plot the graphs and to avoid complicated calculation. Abstract topics and the calculations interrupt overall understanding for the first-time learner. As helping friends, I realized that this is also helpful to others to view the graphs, gratefully facilitating to grasp the concepts. This process is, also, crucial because few lecturers have enough time to present all the trivial information which students would learn when the students review their materials.

Yet, I am fully aware that my depth of knowledge or teaching experience is not comparable to professionals. However, if hired as a peer-tutor, I would facilitate others to understand and keep studying since this is also broadening my understanding of basic science and math to assist peers and to pursue my further engineering courses.

I attached my resume and advising report. If you need any other information, please let me know. I feel strongly that if I were hired, this could be a great opportunity, and I could hopefully contribute to the community. I look forward to speaking with you.

Thank you for your consideration.

Respectfully yours,

Hongyun Lee