1. Why do you want to study your chosen major at Georgia Tech, and what opportunities at Georgia Tech will prepare you in that field after graduation? (max. 300 words) Word Count: 343

On Whatsapp, I watched a video clip showing an electronic chess board lighting up the possible moves a chess piece could do when pressed down to the board. It was my high school pal’s engineering project showcased at Georgia Tech’s Capstone Design Expo. As establishing products with low-energy-consumption being my lifelong goal as an engineer, I was immediately hooked with the hands-on opportunities offered by Georgia Tech’s electrical engineering department which provoked my yearning to specialize in electrical energy.

At Georgia Tech, I eagerly plan to partake in courses like ECE 4320 Power System Analysis & Control and ECE 3072 Electrical Energy Systems. These courses will cultivate my skills in developing automation systems as a replacement to industrial machineries that rely on massive energy consumption. I aim to engage with The Hive to transform my classroom knowledge into reality by using IDC Building’s high-tech equipments to innovate engineering projects. I also hope to collaborate with Professor Deepakraj Divan on innovating cost- and energy-saving industrial applications and technologies while applying my programming and circuitry analytical skills that I have developed through the various robotics projects at Shoreline.

Leveraging Georgia Tech’s network and its industry sponsors program, I aim to work at both start-up and established companies such as Georgia Pacific and National Instruments. Working with these companies, I could innovate unique electronic appliances or systems and promote low energy consumption on their products. I plan to utilize these opportunities provided by Georgia Tech’s engineering faculty to fulfill my career goal in saving the future of our world through generating low-energy-consumption products.

Georgia Tech is not just any university; it is a bridge between my studies and professional engineering. At Georgia Tech, all opportunities are within reach.

*Hi Michael,*

*My first impression towards this piece was that it’s well-thought after given the extensive research you’ve done on the uni – not only through their website but also by consulting a current student who’s studying there. This shows to the admissions committee that you’re actually interested in attending GTech as you’ve invested the time on researching from your end. Thus, your response to the second half of the prompt was nailed in.*

*However, you haven’t actually really answered the first half of the prompt – which asks why YOU want to study EE. I hope you can elaborate on this in the beginning of your essay to make the latter parts of your piece even more purposeful.*

*All the best for your revision!*

*- Matthew*