**Why do you want to study your chosen major specifically at Georgia Tech? (300 words)**

Catching COVID-19 on a deserted island in Indonesia called Kei Island, I was frustrated and scared. I had limited medication and My attempt to get medications to recover faster was futile as the island was so remote that it would take days to arrive. In my exasperation, I realized that the inefficiency of the transportation system has a large impact in the community. Everything in this world is connected to efficiency, and a small revelation may change the world. Hundreds of islands in Indonesia suffer the same problem as Kei Island. I want to improve efficiency around Indonesia so no one has to suffer the same fate I did that week.

To further improve efficiency around Indonesia, I need a degree in Industrial and System engineering from Georgia Tech with a concentration in logistics. Courses like ISYE 3103 Supply Chain Modeling: Logistics will expand my experience gained from internships at logistic companies and provide me with the information I need to achieve my goal. Alongside my interest in logistics, I would also like to learn from Pascal Van Hentenryck, a system engineering professor in Georgia Tech. Learning from his combined knowledge on Artificial intelligence and optimization, I will be able to fuse AI with optimization to create the best solution to a problem.

With an industrial and system engineering degree and experience in Georgia Tech, I will be able to provide improvement in efficiency and productivity for my country of Indonesia. The possibilities of improving are endless, so is my passion and energy to do so.

Hi Brandon!

I’m sorry to hear your experience with COVID ☹. Good job on including the course name and also the professor that you’d like to learn from! However, to make your essay stand out further, I think it’d be good to be specific with the kind of learning that you’d get from this degree. I’ve highlighted the parts where you need more details above, so you can look up the course syllabus and see how a particular subject can be applied in your future career. Also, the “fuse AI with optimization” is already stated in the sentence, so it’d be best to either paraphrase or to include another lesson that you want to learn from Prof. Pascal. For the ending, being more detailed in how you’re going to use your degree would make your essay even stronger ☺

Best wishes,

Melinda