"If your hate could be turned into electricity, it would light up the whole world."-Nikola Tesla.

No but really, ever wondered how the world would look like without electricity?
Growing up I always asked this question, full of curiosity about all that mechanism, and always paid attention to when my uncle who studied physics would fix all our electrical devices when it stopped working, he would explain some concepts for me but as a kid I really never knew what was happening.

During my courses at code brave I have learned some simple programming languages we use and noticed that coding is not only about web development or small programs but I can actually use it applied with key concepts of electricity and devices like Raspberry Pi that allows coding to control LED lights, build a robot or create automated systems. I was fascinated by this concept and wanted to learn more and discover more about it, so I started my research journey about electrical engineering.

In high school, my passion for physics and math grew as I started to see the logic and analytical thinking these subjects demand. Unlike fields that rely heavily on memorization, physics and math require problem-solving skills that improve with practice. This realization led me to consider potential career paths in engineering and physics.

My first preference is electrical engineering, as I aspire to be a designer, developer, and supervisor in the manufacture of electrical equipment, automobiles, or aircraft. In our fast-growing technological world, electricity inspires innovation. I have a passion to create sustainable and efficient solutions as an electrical engineer to improve and connect society.

Another favorite of mine is civil engineering. It is referred to as one of the cornerstones in construction infrastructure in communities. From bridges to transport systems, civil engineers light the way to careers in structural, environmental, and geotechnical realms. Granted, there's an appreciation for the contribution civil engineers make toward society, except it just doesn't excite me in contrast to electrical engineering.

Lastly, I've considered physics as a career option. I enjoy explaining complex physics and math concepts to my peers, making them approachable and easy to understand. The idea of becoming a physics teacher appeals to me because it combines my love for the subject with my passion for helping others learn. It also aligns with my interactive nature, as I prefer engaging with people rather than sitting at a desk all day.

In the long term, I see myself at the forefront of engineering innovation, leading projects that develop resilient infrastructure and renewable energy solutions. I aspire to make a tangible impact on communities worldwide by contributing to sustainable technological advancements.

In conclusion, my passion for electricity, coupled with my strong foundation in physics and math, drives me to pursue electrical engineering as my primary focus. I am eager to further my education in this field and contribute to innovative solutions that advance technology and improve society. With the support of this scholarship, I am confident I can gain the expertise necessary to make a meaningful impact and help create a more sustainable future.