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Ever since I was little, my favorite subjects would be math and science. I always wanted to learn how things in the world worked. I remember bothering my dad to explain to me what he did on the computer. It interested me how he could make websites and change fonts so easily. I knew then I wanted to be able to do that. At that age, I tried my best to learn how to do it, so I slowly learned some HTML. Most of my elementary days, I tried to figure out how to do web applications and tried to make it seconds nature to me. Since then I have been trying to broaden my horizon. I signed up for the math and science program at my middle school, then I signed up for the IT program at my high school. Since I was little I have known that I wanted to go into an IT related field. I also have been in robotics in middle and high school and have been in a cyber security course that was offered during my freshman year.

Being in that course has helped me understand what I truly enjoy and have an interest in doing. It has also shown me that I wanted to do cyber security for a living. Since that course I have made sure that I try to have my courses related to cyber security and IT programming. Since my freshman year of high school I have taken three IT programming related courses, and for my senior year, my school is offering a new cyber security related course which I am planning to take. After graduation, for my higher education, I want to major in cyber security and go into either George Washington University or University of Maryland. A dream job of mine is to be working for the government, helping my country. I have a path planned for my future and plan to carry it out even if I have to struggle.

Growing up I have seen technology advance in so many ways that we could not have imagined twenty years ago, and with new technology we have today and that keeps growing, need ways to protect our information from black hats. Society today depends heavily on the technological advances. We have self-driving cars that are being tested, hospitals have vital machinery online, companies have important information on their servers, etc., that need to be protected.

I have always dreamed of making a change and by stopping black hats is a way to make a change no matter how small it may seem. I know that I must fight being a minority in this field, but I will fight as hard as I need to. I know that saying I want to make a change won’t do anything but with the passion I have, to help others and in programming I know I have the drive to push through any difficulties I will face. Knowing that the government can be hacked and technology advancing so quickly, especially in the past few years, I want to be able to keep our country safe from foreign intelligence.

With technology changing so fast we need to keep up with the pace of innovation and keep our cyber world as safe as we keep our world that we live on. Many people do not see the importance of keeping our online world safe and overlook the how all these little things what that cyber security does to protect our information. But the way society has progressed, most of our lives are online. I want to be part of that change of making cyber community safer. The internet is still new and we need to concentrate on bettering our security for it, as we have for every other thing we want to protect.

One way I know I will struggle is to keep up with technology continuously advancing and finding ways to keep those new outlets safe. For example, Google coming out with a self-driving car, we need to keep people safe from it getting hack and prevent unfortunate events from occurring. I am very excited to see where technology will go and am extremely excited to be able in protecting society in some sort of way.