**05.09 Discussion**

**Response to 05.09A:**

Alexander, I also agree that this video corresponds to me because they are able to implement computer science in many different fields. I was amazed that technology could be used to measure tiny things like proteins and how they could analyze how proteins are so much easier with the help of technology. I find it really cool that you look into pursuing quantum physics. I definitely agree that computer science is affecting quantum physics through quantum computers and the applications of computer science really is endless.

**Response to 05.09B:**

Trinity, I agree that individuals entered the field in many different ways. In fact, computer science, like many other fields, is a very diverse field with people of all ages, ethnicities, and cultures all interested in computer science. They also become interested in it due to many different factors like family influence or just out of curiosity. I also agree that computer science is growing quickly. It is making our lives better and easier in ways that we don't realize. It helps us solves many different issues going on around our world and we are starting to explore more ways computer science can be applied to our lives like self-driving cars or virtual reality.

**Answers to 05.09C:**

What stereotypes does this video address?

This video addresses the stereotype that computer scientists and software engineers are people who are skinny and underexposed to light, coding in the corner of a basement.

How does a day in the life of these young people compare to the future you imagine for yourself by the time you are 24 years old?

When I am 24, I would expect to be coding all day and I would not expect to have enough time to get out and do my hobbies. However, these young people do not spend all day coding. They instead write a lot of emails, attend numerous meetings, and have a decent amount of free time leftover to do their hobbies and hang out with friends. They seem to have a lot of flexibility and freedom in how long they have to work.

How does technology enable the people depicted to pursue careers and enjoy lifestyles that are fulfilling?

Technology allowed these people to find something they truly enjoy doing and allowed them to pursue a desirable lifestyle. These people were drawn towards technology and have worked hard to make technology a huge part of their own lives. Their interest in technology has allowed them to pursue successful careers and allow them to live a fulfilling life.

Without a background in computer science, how might their jobs or lifestyles be different?

These people may not have been as interested in computer science as they now and they may have found a entirely new job and major in a completely different field. Their new field may or may not be as flexible or fitting as their current job as a computer scientist, cutting down the amount of free time they have to do their own things.

Describe the use of computer-based technology during a typical day in your life. How do these technologies improve or complicate your life?

I use computers every day. I use them to do my homework, educate myself, and to keep myself entertained. These technologies have allowed me to learn things I would have never learned without computers and have made communication with friends and family so much easier. However, computers can be a big distraction when I am trying to focus on getting something done and may cause me to procrastinate on assignments.