I have a profound interest in the field of computer science, which has materialised in me being quite proficient at it. I feel that this is my skillset and I can perform and utilize my knowledge very usefully in this branch. I have consistently performed well in the subject in school and have invested quite a lot of my time in side projects related to the field. I have successfully completed a project in school using tkinter in python to access the tk framework to create graphical user interface application, which establishes an easier way for users to access blood banks remotely, and implements the usage of relational database management with mySQL.

I am comfortable using multiple operating systems and familiar with the intricacies of such, majorly unix-based systems, for example, the various distributions of linux and the bsds, and the windows operating systems and have installed multiple instances of each OS on both physical machines and virtual machines using the kernel based virtualisation(KVM) protocol and oracle’s virtualbox. This exposure to unix based systems has sparked an interest in specialisation of cyber security and has made me comfortable in using the command line for everyday mundane tasks which would have been much slower using a graphical interface.

I comfortable using various programming and scripting languages, using mainly python and bash for scripts and python, c and c++ for making programs. I have made a program which automatically mount and unmount the swap partition based on memory usage with c++, and another which notifies the user of low battery percentage through a text to speech library in python.