When thinking about what I hope to do in the long-term dots, my interest in software development, but more particularly working in the Python programming language, the ideas that have emerged from the recent reading have filled me with understanding and the passion that comes from such ideas. The main developments I would like to achieve are become competent full stack web developer with inclination towards data analysis and machine learning. From the chapters I have learned, flexibility in programming languages and frameworks is well highlighted, especially how a knowledge of python can lead to various career opportunities. This has led me to a realization that there is need to work on building a strong skill set with coverage to both front-end and back-end technologies.

In addition, the discussions regarding the trends in the industry have made me develop a focus in areas such as healthcare technology or environmental sustainability. These fields are rapidly growing, and at the same time, can contribute great to the society with new software created in advanced fields. For example, incorporating the advantages of using Python in data analysis, would improve the decision-making process in the sphere of healthcare or increase the possibility of using sources for implementing sustainable development. This is important especially every time I envision the outcome of my work, the importance of how my values align with my career is very vital in the future I am striving to shape.

To achieve my career goals in the technology sector, particularly in software development, I have identified three technical skills and one soft skill that I need to improve or acquire: Python coders, knowledge and understanding of data structures and algorithms and the ability to work with the various version control system. Also, improving the communication with others is crucial as a way of working in groups. This is important because Python is used in many areas of programming starting from web development and going down to data analysis. Chapter 1 of “Python Crash Course ”have demonstrated how the basic lesson in Python enables developers to build robust applications. In this context, proficiency in this language will not only improve my programming skills as an applicant, but also make me more marketable within the current job economy.

In addition, understanding data structures and algorithms would be necessary in solving problems and achieving the best results. Chapter 2 gives an understanding of how algorithms can be of help in order to come up with good code to handle large datasets. With this knowledge I’ll be more able to write good code and solve difficult programming problems.

Other technical skills that I need to have are knowledge in version control system like Git. In Chapter 6, Matthes explains that, version control is also useful to coordinate the work of the different developers that may be working on the same project without interference. This is particularly important in environments that involve teams of developers with a specific project where code stability is very important.

Indeed, developing communication skills will enable me elaborate concepts well and engage well with other people at the workplace. Project communication is powerful in that it enhances teamwork and minimizes conflict, which makes up two critical areas for profitable projects.

There are several issues that may affect my learning throughout the academic period,these issues comprises of ; Procrastination, lack of concentration and poor comprehension. Laziness is experienced as the inability to begin completing tasks or preparing for exams that are due or scheduled for completion and hence reducing the chances of achieving good grades. Also, there are times when I lose concentration as I study making the workload to take long hence reducing the production rates. Finally, assigned topics are complicated and confusing at times and I get lost most of the time in understanding basics that are crucial for getting good grades. it is, therefore, critical to spend some time and effort in preparing a sound and specific career plan. A good plan should include good study skills, time management and efficient networking approaches. By the principles explored in the book “Python” it can argued that will power and time management are hallmarks in success at work. It is helpful to set up a standard every day schedule where particular time slots will be designated for further skill acquisition as it enhances performance. For instance, one can spend some time in the morning learning new programming languages or some industry trends that may take some time to have impacts.

Furthermore, active studying techniques like Self-Active-Recall and Spaced-Repetition that help in learning and retaining the content better are also helpful. Not only to assist in the acquisition of practical knowledge and skills, but these approaches also can be used as protection against distractive and delaying factors. When these techniques are incorporated into the daily plan, it is possible to maintain personal development along with proper time management.

Networking is another essential factor that should not be overlooked when formulating a successful career plan. Networking is necessary; joining a professional site, such as LinkedIn, or participating in conferences in the field creates significant opportunities to find a job or work on projects together. Moreover, technical skills including effective communication, flexibility, and collaboration are gradually turning into indispensable qualities within a working environment. Developing these interpersonal skills into more advanced levels through solving problems in real-life scenarios is also advantageous in gaining employment and being more productive in team settings.

Before I leave for college and begin my athletic and academic experience within the next six months to one year, the following can be viewed as learning goals: First, I want to improve the efficiency of time management by organizing the week with fixed hours for academic work, practice and personal growth, including practicing lacrosse.Other than increasing my efficiency of time management, I still plan on working on specific skills in lacrosse—shooting for instance and defense too, for at least four more extra workouts in a week. This meant that not only is the goal I have set for myself going to have the potential of helping me do a better job, but also have a positive impact on the strength of all the team members. Also, I intend to use regular video analysis of both, professional matches and our own practices for self- reflection.

performing well in class, improving on their lacrosse, getting better in coding in Python and also in learning how to manage on time. I will describe it into a set of tasks with due dates so that there is a way of solving them methodically to ensure that there is efficacy in the entire project.

Another milestone relates to an academic performance. In a bid to ensure that I do well in my school I will set aside particular days of the week for studying class lessons and solving assignments. For example, I will devote two hours each Monday and Wednesday evening. Last but not least, increasing time management is about creating the daily plan that indicates the time for study sessions, practice drills, coding exercises, and free time.