DATA SCIENTIST

Career Development

SECP1513 - TECHNOLOGY & INFORMATION SYSTEM

1 EXECUTIVE SUMMARY

I am a computer science student at UTM with a focus on data engineering. Since taking computer science, I have gained a great deal of knowledge in a variety of areas for instance programming, digital logic, information systems and more. Moreover, I learn how to enhance my problem-solving, critical thinking, and programming abilities. I recently learned how to programme in C++ and Java. I also know logic and mathematics very well. With a bachelor's degree in computer science (data engineering), I am pretty sure I will be able to succeed as a data scientist in the future. When I work in the computer science field, I want to gain a lot of experience and new skills. Additionally, I'm interested in finding out how my career can advance.

2 INTRODUCTION

A data scientist is a person who designs and organizes analytical projects to forecast or make decisions using data, particularly when it comes to business requirements. They also use their technical skills such as statistics, programming and machine learning to extract information from data. There is a way for a computer science bachelor's student majoring in data engineering to become a successful data scientist. The basic requirements to be a data scientist is having programming abilities such as Python, C++, SQL etc. In order to find multiple solutions to a problem, they also need to be proficient in critical thinking and communication.

3 CONTENT OF TALK

These days, finding a job is becoming more difficult. Thus, we must have the proper attitude and be self-assured. Strong and updated skill sets always increase a person's chances of getting hired. In addition, we need to understand our place in the industry and how to position ourselves within the computer science or statistics domain. First, decide which position we want to be hired for. Next, investigate the company's scope. Make preparations by practicing soft skills and communication techniques. Lastly, we apply and distribute the resume or CV throughout the organization. We also need to have a positive attitude and mindset during industrial training, such as being curious, flexible, and open-minded. Positivity plays a big part in our ability to overcome obstacles.

9 MUST-HAVE ON YOUR CV/RESUME

1. Contact information
2. Career objective/summary
3. Education background
4. Professional experience
5. extracurricular activities
6. Core skills
7. Personal/Academics projects
8. Awards & honors
9. References

4 WAY FORWARD

I need to level up and enhance every skill that I have learned in university as a computer science student in order to become a data scientist. Furthermore, problem-solving, machine learning, and data visualization abilities are beneficial. Next, schedule some time to take part in any activities that will help us develop our skills. To obtain advanced skills and land a job, practice with additional programming tools such as SQL and Python. The competition is becoming more and more difficult, so it's critical to always be learning something new. It is important to continuously learn something new and stay updated because the competition gets tough day by day. Gaining experience in various industrial training programmes and developing a strong portfolio of completed projects also attracts the interest of potential employers

5 REFLECTION

As everyone knows, learning computers is not an easy task. In order to compete with others, we must put in more effort and improve our abilities. This is due to the fact that this field is constantly changing. These days, the majority of companies also consider how well we manage their work and how we can collaborate with them. I am motivated to pursue a career in information and communication technology (ICT) because I believe it is necessary to play a significant role in the industry and I am able to use my current knowledge and skills to my advantage in order to be hired by a company. In addition, I can always learn new things about data science, a type of computer science, and use them in my daily life. Additionally, since I already know so much about this field, it will benefit me in the future if a client needs assistance with data analytics or something similar. Furthermore, I'm confident that gaining a wide range of abilities, including fundamental knowledge and soft skills, will help me advance as a data scientist in the future. In conclusion, we must persevere and have fun in this industry in order to overcome any challenges to come.

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