Industrial Talk
Required Computer Science Skills in University and Industry

Content

1. Description of the Speaker's Experience.
2. Basic Skills Required in the Computer Science Industry.
3. Group Members Reflections.
4. References.

Group Members

No.	Name	Metric No.
1	Ahmed Ali Abdalla Musa	A23CS4036
2	Ahmed Mahgoub Saidahmed	A23CS3023
3	EYAD AIMEN ELSHEIKH KHALIL	A23CS3024
4	Moaz Adil Abdugadir Jalal	A23CS3025

Description of the Speaker's Experience

The industrial talk was held by Mr. Nik Muhammad Habibullah bin Mohd Nizam, an alumnus of UTM graphics department in 2005.

During his third year, Mr. Nik Muhammad worked with UTM graphics department, he participated in montaging the video of UTM digital library launch. After that, He completed his internship with UTM library, and his final year project was related to the library. He was an active student in academic and non-academic activities which sharpened his skills.

His career after graduation started by working at NI Solution Company. After that, he worked as a special officer at the minister of higher education, and within a year he returned to UTM as a research officer. Then, he became an entrepreneur and he established Mikro Semiconductor Sdn Berhad, developing hardware devices.

Some of Mr. Nik Muhammed's products are Dialysis Management Systems and GetMeHired which assist fresh graduates in achieving employment.

Basic Skills Required in the Computer Science Industry

The talk contained a wide number of advice that can assist students and graduates in the computer science field.

Individuals should know their strengths and weak points, determine career goals, and have a growth mindset. Also participating in activities is essential in gaining experience and sharpening skills, focusing on Improving communication skills, Start applying for jobs in the third year of studying, starting as early as possible is essential as the competition gets tougher with time. When applying for jobs, do research on the industry and market competitiveness and prepare a strong CV.

It's crucial to be confident, always put yourself first, and seek for a company that aligns with your values and suits your lifestyle.

Reflections

Ahmed Ali Abdalla Musa

This talk gave us a lot of advice that will help me in our future career as a Computer Science student and the importance of early preparation for it. I also learned about the importance of developing our skills and knowing our weaknesses and strengths. We also learned about the value of self-reflection and how to have a real impact. I also learned the value of creative thinking.

Ahmed Mahgoub Saidahmed

The talk has enriched my knowledge as a Computer Science student. It contains valuable advices from a professional man. It was really interesting , inspiring and helpful in computer science industry and entrepreneurship field. This talk has provided me with a deeper understanding of the skills and the strategies required in order to be successful in the job market.

Eyad Aimen Elsheikh Khalil

I learned alot from the talk. It gave me a lot of information regarding my field, the job market, how to apply for different jobs and the importance of CVs. I learned that I should explore more things regarding my field and learn new stuff and hopefully master it. I will become successful in computer science by learning new concepts, entering different university student communities, developing products from the knowledge I gained from either the university or self learning.

Moaz Adil Abdugadir Jalal

This talk was so informative and gave a lot of valuable advice. As a software engineering student, to ensure my success in the coming years, I will make sure to participate in a lot of academic and non-academic activities. I will also do a lot of research to find the most demanded skills and work to improve them. Additionally, I'm going to start applying for internships as early as possible and prepare a strong CV and portfolio.

References

Nik Mohd Habibullah, B. N. M *Preparing for entrepreneurship in IT: Essential skills and strategies for university students.*

Suhaimi, M. A., Hasan, M. R., Hussin, H., & Shah, A. *Information and communication technology workforce employability in Malaysia*.

Aasheim, C. L., Li, L., & Williams, S. *Knowledge and skill requirements for entry-level information technology workers: A comparison of industry and academia*. Department of Information Technology, Georgia Southern University, Statesboro, GA 30460, United States

https://slidesdocs.com/background/blue-technology-information-internet-intelligent-powerpoint-background_eec890e001