

EXECUTIVE SUMMARY

The career talk by GetMe Hired and Pittsburgh Plate Glass Company (PPG) clarified that students majoring in computer science have open doors to a wide array of career options. In other words, they emphasized that studying data engineering can lead to a diverse set of career paths and options in various fields. GetMe Hired explains the importance of CV as well as the soft skills needed to receive an offer. While PPG highlighted their unique internship program, actively involving interns in real projects like full-time employees. Their trust in interns contributes to the nearly impeccable post-graduation retention rate.

INTRODUCTION

Data engineering is emerging as one of the most promising courses in the near future, driven by the fact that we are now living in a data-centric world. Throughout the talk, besides gaining insights into the history of PPG, it also delved into the technology teams within PPG and the job scopes of employees. We learned about the process of data engineers in the ICT industry collecting and manipulating the data, which may appear straightforward to users but proves to be a complex task in reality. Furthermore, we also recognized the importance of the ICT industry's impact as it increased access to information, communication, and business growth.

CONTENT OF TALK

WHAT A DATA ENGINEER DO ?

There are a series of steps that must be taken to perform the task. First, data acquisition from users or customers is vital. Following that, the development of a framework, including the creation of algorithms for actionable information or the establishment of a data pipeline. Subsequently, data transformation and manipulation are executed through programming. For instance, PPG frequently uses Structured Query Language (SQL) and Python. Last but not least, data modeling is conducted using tools like Power BI to perform data transformation and cleaning. Ultimately, data visualisation result in various of understandable representations.

SOFT SKILLS

Apart from having fundamental knowledge, soft skills are essential too. For instance, proficiency in communication, strong teamwork, and effective time management are qualities needed in both job-seeking and the workplace. Henceforth, practicing spoken communication with others and delivering presentations without script are effective ways to develop these skills. Creating an English-speaking environment is even more useful. Lastly, collaborating with peers on assignments or projects helps us with teamwork and time management. Thus, it is imperative to put forth our best efforts in academics.

CAREER DEVELOPMENT TALK

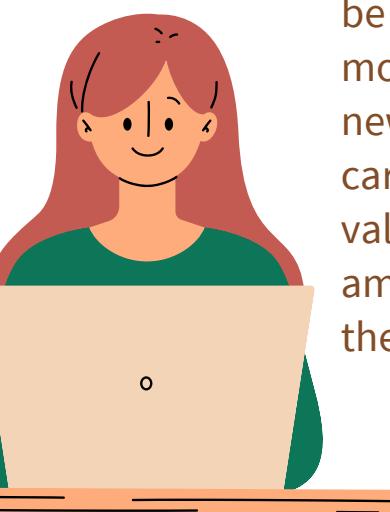
PRESENTED BY ENCIK HABIB FROM GETME HIRED & PPG

REFLECTION

This career talk has inspired me to dedicate myself to my studies, with the ultimate goal of joining PPG. The unique and amicable vibe among colleagues within PPG is something I aspire to pursue and experience.

I realised that the ICT field is the future trend and will continue to be increasingly integrated into various fields of our lives. It motivated my curiosity to delve into the field to learn a variety of new knowledge. I am very grateful for the chance to attend those career talks, and I hope one day I can contribute something valuable in the ICT field with the things I learned from university. I am committed to doubling my efforts to follow in the footsteps of the presenters and become part of the field.

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9 MUST-HAVE ON CV

