

SKILLS IN UNIVERSITY AND INDUSTRY



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GROUP MEMBERS:

NUR IELFISHAHRI NAZIHAN BINTI IMEERAN
NG SHE LING
TAN JIA YIE
EZRALYN A/P DAYALAN
LAYTH AMJED FATEHI HAMMAD

1.0 Description of Speaker Experience

En Mohd Hakimi Iqmall holds a Degree in Graphic and Multimedia. Their professional experience includes roles at ME-Tech Sdn.Bhd (2017), Okakichi Sdn Bhd (2018-2019), UTM Research Computing (2019-2021), and currently at UTMDigital. Notably, during their tenure at Okakichi Sdn Bhd in 2018, they successfully completed the 'Kingdom Ran' game development project, solidifying their expertise as a game programmer.

2.0 Basic Skills Required for Computer Science and Skills Required by Industry

2.1 Skills Needed to Success in It Field

Technical Skills	Management Skills
Programming Language	Problem Solving
Debugging System	Testing and Quality Assurance (QA) Skills
Version Control	Technical Skills
Security Awareness	Risk Management
Development Tools	Communication Skills
Analytical & Logical Skills	Documentation and Reporting
Database Structure	Knowledge of SDLC Methodologies
System Framework	Leadership and Team Collaboration

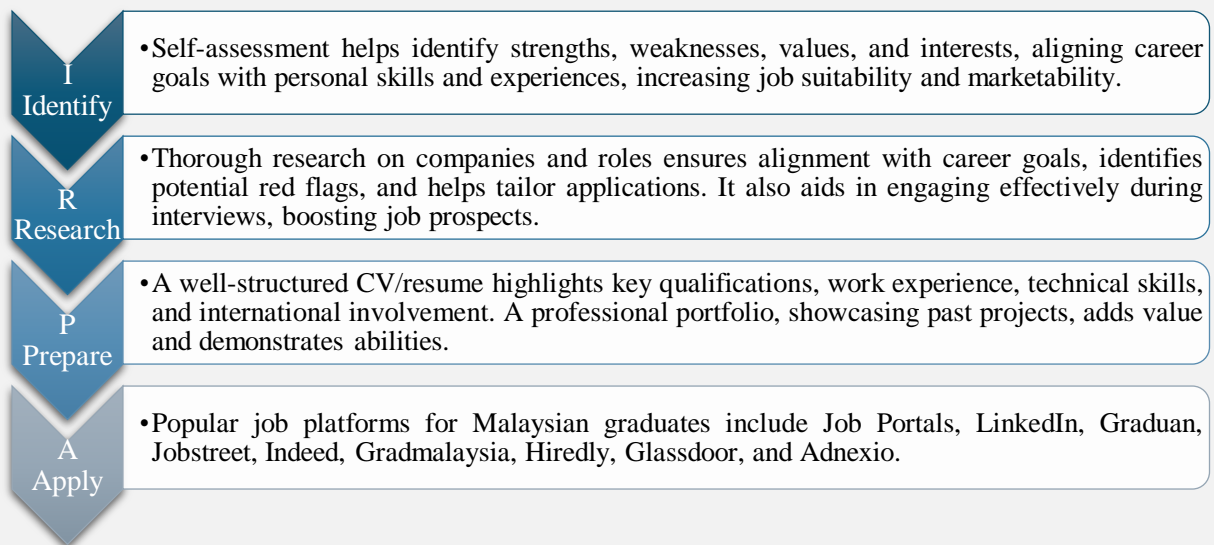
2.2 Preparing for Entrepreneurship in It – Modules

Self-Assessment and Career Goal Setting	•Identify your strengths, weaknesses, passions, and career goals to set realistic targets.
Skill Development and Portfolio Building	•Acquire essential skills through education, training, and self-learning, and build a portfolio to showcase your expertise.
Job Search and Interview Preparation	•Look for job opportunities aligned with your goals, research employers, practice interviews, and learn from rejection.
Continuous Learning and Career Advancement	•Stay updated on industry trends, seek professional growth, and consider further education or certifications to enhance your career prospects.

2.3 Common Mistakes in Job Hunting

A critical reflection on the academic journey reveals several areas for potential enhancement. These include a need to overcome a tendency towards self-limitation by proactively exploring and leveraging one's degree to pursue diverse opportunities. Furthermore, significant improvement in communication skills is essential. Proactive career planning, including early job application strategies, is crucial in navigating the increasingly competitive job market. Finally, active engagement in extracurricular activities is highly recommended to enhance valuable soft skills.

2.4 IRPA Method (Soul Searching)



3.0 Reflection

NUR IELFISHAHRI NAZIHAN BINTI IMEERAN	The 'IRPA Method' provided a valuable framework for my own career exploration. I realized that I need to conduct a thorough self-assessment to identify my strengths, weaknesses, and career goals. This will help me make informed decisions about my education and career path for the next 4 years in UTM.
NG SHE LING	To succeed in computer science, I will utilize my four years in UTM to participate in various competitions to enrich my resume and build essential skills to remain competitive. Networking and certifications will further enhance my career prospects.
TAN JIA YIE	I realized the importance of combining the theoretical knowledge with practical skills such as effective communication which is essential for thriving in real-life experiences. I also learned the significance of aligning my personal strengths and career goals through the IRPA method. Besides, continuous learning can help me to stay updated with industry trends.
EZRALYN A/P DAYALAN	I learned that it's important to research companies before applying to make sure their values match my goals. This encourages me to improve how I apply for jobs by updating my resume to fit better.
LAYTH AMJED FATEHI HAMMAD	This project taught me the importance of technical skills, communication, and career planning in the IT field. I realized that self-assessment and proactive efforts like networking and participating in activities are crucial for personal and professional growth. The IRPA method gave me a structured way to reflect on my strengths and plan my career path effectively.

4.0 References

Nik Mohb Habibullah Bin Nik Mohb Nizam. (n.d.). Preparing for Entrepreneurship in IT [Slide show]. Industrial Talk, Kulai, Johor, Malaysia. <C:\Users\sheli\Downloads\Preparing for Entrepreneurship in IT Habib.pdf>