INDUSTRY TALK 1: OVERVIEW OF ICT JOBS

INTRODUCTION

This investigation provides a thorough overview of Clarity Techworks' use of Information and Communication Technology (ICT). To explain it in simple terms, ICT is a technology tool used for communication. From Linkedin information, Clarity Techworks are a FinTech Solution company specialising in blockchain digital assets solutions. The intention of this industry discussion was to give UTM students advice and insights on potential career paths related to the introductions in various ICT-related domains of work. It primarily describes the duties of each ICT job in detail as well as the qualifications needed for this position.

OBJECTIVE

1. To analyze the job scope corresponding to each job
2. Explain the skills required in every ICT job
3. To give students some work experience
4. To provide advice to students who are looking for jobs

EXECUTIVE SUMMARY

This ICT job talk provides an in-depth look at key responsibilities in the ICT sector. Speakers highlighted the differences between what is learned on the job and what is learned in university, emphasizing the importance of practical application and teamwork. They also highlighted the key skills required to successfully enter the ICT sector, including programming languages, communication and problem-solving skills. In terms of industry prospects, the talk covered technology trends and employment opportunities, providing the students with insights into future development. Speakers shared personal career development experiences and provided advice on successfully entering the ICT industry. During the discussion, the students raised some questions related to industry trends and career development. The students might set more precise objectives for their future careers. Overall, the talk provided the students with an in-depth understanding of ICT work, highlighting the challenges and opportunities in the field.

CONTENT OF TALK

Android developer

Job scope:
- Implement new features
- Resolve bug issues
- Write documentation of the project
- Improve project codes
- Publish apps to Google Play Store
- Research

Skills required:
- Analyze
- Communication
- Creative
- Search proficiency

UI/UX designer

Job scope:
- UI/UX research
- Information architecture
- Wireframing and prototyping
- Testing and iteration
- Hand-offs developers
- Create phrase keys and pull translations

Skills required:
- Creative thinking
- Problem solving
- Communication
- Punctually
- Attention to details

QA Testing Analyst

Job scope:
- Documentation to helps in tracking the testing progress
- Ensure quality standards of the software
- Test and identify any issues or bugs
- Create bug reports if there are any bugs during testing

Skills required:
- Analytical skills
- Documentation skills
- Time management
- Attention to details

Web / API Developer

Job scope:
- Develop and enhance web application
- Integrate UI design based on server logic
- Produce a API for internal and external use
- Troubleshoot and provide solutions to problems in backend

Skills required:
- Critical thinking
- Continuous learning
- Frameworks and libraries
- Version control
- Responsive design
- Testing and debugging
- Collaboration and communication

When study and internship
- Theoretical
- Longtime given for project
- Have someone to teach
- When something goes wrong, you do not hold responsibility
- Learn and practice without the pressure of real-life situations

When work
- Practical
- Limited time given for task
- Learn by ourselves
- Each action must be held accountable
- Deal with the real time challenges

REFLECTION

From our perspective, this career talk offers knowledge about ICT jobs. It emphasized the demand for skilled ICT professionals and the potential for career growth and development. We can develop more defined objectives and mastery of abilities at this early stage. As an example, we learned that staying current with technology is crucial for anybody working in this ICT field. I wholeheartedly concur with one of the presenters that it is critical to continue learning and engaging in order to adapt to the latest trends and be flexible because the ICT industry frequently changes swiftly. It highlights the importance of daily learning in a life-evolving technological environment and this discussion emphasized the diversity of ICT applications and said that we need to move away from theoretical learning towards practical on real-world application understanding. This gives us the opportunity to acclimate and prepare ourselves ahead of time while studying in order to increase our employability. Additionally, we also think that communication and collaboration skills are critical in this presentation. They also discussed the impact of each role on product quality by elaborating on the concept of ethical management to create inclusive and accessible products. For instance, we can seek advice from experienced experts or ask them to share examples of cases to ensure that we are receiving the most up-to-date knowledge on the profession or field.By taking part in cooperative initiatives and free internships, we can get the chance to learn from specialists. Overall, this career talk provided us with deep motivation, expanded insights into the ICT industry, and provided important information about future developments. These elements will have a positive impact on my career decisions and development paths, motivating me to work harder to pursue meaningful achievements in the ICT field.

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