



ANAS ALBAKRI

Federal Territory of Kuala Lumpur, Malaysia
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*Diligent, outgoing, and detail-oriented Information Technology fresh graduate with a progressive interest in troubleshooting networks as well as designing secure infrastructure solutions. A lifelong learner, with a bachelor's degree from UTP, ISC2's CC, as well as **Cisco Certified Network Associate (CCNA)** that is currently being pursued. Aspiring to positively impact the organization's corporate objectives and achieve a personal benefit that contributes to the organization. **Currently working at Sunway Digital Wave Sdn. Bhd.***

EDUCATIONAL BACKGROUND

Universiti Teknologi PETRONAS (UTP), Perak

Bachelor of Information Technology (Hons) | Cyber Security | Corporate Management (May 2020 – Aug 2023)
(CGPA: 3.47) | Dean's List for Semester(s) 1, 2, 5, 8

Foundation in Electrical & Electronics Engineering (May 2019 – Apr 2020)
(CGPA: 2.85) | Dean's List for Semester 3

WORKING EXPERIENCE

Malaysian Communications and Multimedia Commission (MCMC), Cyberjaya

Strategic IT Internship Trainee (Jan 2022 – Aug 2022)

- Assisted system revamping processes which include sampling web-interface designs (HTML, CSS, JavaScript), developing webpages into existing enterprise websites (Kentico CMS, SharePoint), and requirements engineering of a software system chatbot.
- Performed daily/weekly analysis documentation of server backups, server performances, firewall traffic logs, as well as security measures on the enterprise network infrastructure.
- Assisted in tape job extractions from the data centre, overnight patching activities and stock take of IT assets in MCMC's inventory, which included assets from 22 state/branch/headquarters' offices.
- Participated in departmental meetings, business agendas, special occasions, and career workshops.

Sunway Digital Wave Sdn Bhd, Subang Jaya

Network Engineer (Nov 2023 – Present)

SKILLS

Language: English (Native), Malay (Native)
PL : Bash, PowerShell, Python, C/C++, CSS, HTML, JavaScript, PHP, R, SQL
Software : PuTTY, Cisco Packet Tracer, Huawei eNSP, Wireshark, Kali Linux, VMware, VirtualBox, Autopsy, Arduino, Microsoft 365, PowerApps, SharePoint, XAMPP
Others : Network Operations, Digital Forensics, Software Engineering, Web Development, Database Management, Multimedia Editing/Streaming, IT Project Management

ADDITIONAL COURSES

LinkedIn Learning

- *Cisco Networking Foundations: Wireless Networks, Services, Security, and Virtualization*
- *IT Security Foundations: Network Security*
- *IT and Cybersecurity Risk Management Essential Training*
- *Learning Network Troubleshooting*

National Training Week 2023

- *Basic Computer Management*
- *Cloud Computing – Build an Enterprise Cloud Strategy*
- *Cloud Computing – Introduction to Cloud Computing*
- *Packet Tracer: ACL Best Practice*

ACADEMIC PROJECTS

Residential Village (RV) Room Accommodation System | Final Year Project (FYP)

- Developed a software system using Power Apps, which encompasses room accommodation booking of available hostels for UTP on-campus students. Nominated for FYP Award in conjunction with UTP Convocation 2023 for Bachelor of Information Technology (BIT) programme.

Mall Services Mobile Application (Mall-E) | Technopreneurship Team Project (TTP)

- Led a technopreneurship team project (Project Manager) on development of GPS-based software system for inside and outside shopping malls directory. Won the silver award for TTP category in UTP's 50th Science & Engineering Design Exhibition (SEDEX50) Awards. Secured 3rd Place for TTP category in the Capstone & Best Academic Awards 2023, in conjunction with UTP Convocation 2023.

Digitalization of Anti-Competitive Complaint Forms (Communications / Postal and Courier) |

Student Industrial Project (SIP)

- Digitalized the MCMC communications and postal market licensees' anti-competitive complaint forms. Performed code debugging and server provisioning (traffic log analysis, systems performance) overall before the deployment stage.

Enterprise Network Infrastructures (Simulation) | 3 BIT Team/Individual Project(s)

- Simulated 3 corporate network infrastructures for figurative SMEs on Cisco Packet Tracer and Huawei eNSP, implementing LANs, VLANs, WLANs, WANs, DHCP, RIP, NAC, ASA, and Netflow. Analyzed technological resources using various tools like device consoles, Command Prompt and Wireshark.

Cybersecurity Incident Responses Capstone | BIT Team Project

- Led a team project, which showcased various industrial cybersecurity incident responses. Scenarios included Autopsy utilization in file carving and data recovery, as well as Wireshark utilization in analyzing SYN flood DDoS attacks.

Online Bulletin Board (Socket Programming) | BIT Individual Project

- Developed a client and server program in Python, which allows registered users to post messages for others to view. Ran the program on localhost and analyzed communication packets using Wireshark.

AbeCafé App (Web-based Ordering System) | BIT Individual Project

- Developed a web-based coffee ordering system in HTML, CSS & JS. Coded the enquiry of customer information, selection of drink(s) and delivery information from user, which outputs the order details of the respective session from the PHP database server.

Frequency Hopping Spread Spectrum (FHSS) Graphing | BIT Individual Project

- Developed a FHSS plotting program using C++. Coded the enquiry of patterns for PN sequences and binary data, which plots a figurative graph of FHSS as output using Windows BGL.

LEADERSHIP & EXTRACURRICULAR INVOLVEMENT

E-UTP Super Sports (E-UTPSS) 2021 / UTP Super Sports (UTPSS) 2022 (Q4 2021 / Q4 2022)

- Contributed as gamemaster for mobile game Pokémon GO in the 2021 e-sports tournament, where students and staff members take part in a tournament bracket to represent their departments.
- Represented Python (Faculty of Sciences and Information Technology) in the *Tug Of War* (Male) category of the 2022 sports tournament – secured 2nd place amongst 8 departments.

TECHPOD (MPU4 Community Engagement Project) (Jun 2021 – Nov 2021)

- Contributed as a member of Media & Publication – managed social media platforms, formed posting templates, designed digital posters and livestreamed the main virtual event of 554 participants.

Down To Earth (DTE) Community Service Project (Jan 2020 – Mar 2020)

- Led the CSR themed “Underprivileged Outreach” as Project Director, where 17 underprivileged (SMK Sultan Muzafar Shah 1, Perak) students were given assistance, aid, and knowledge, in terms of monetary support for their education and basic daily needs.

UTPHost (UTP Corporate Communications Student Body) (May 2019 – Feb 2021)

- Led the student body's Human Resources / Special Task departments up until HoD / AHoD positions. Assisted in corporate event management, CSR activities and campus visits. Exposed to corporate/PR guidelines, university/campus knowledge and soft skills development (emceeing, intercommunication, social skills).

AWARDS & CERTIFICATIONS

ISC2	Certified in Cybersecurity (CC)	(Nov 2023)
UTP	3 rd Place for Technopreneurship Team Project, Capstone & Best Academic Awards 2023	(Oct 2023)
	TTP Silver Award, 50 th Science & Engineering Design Exhibition (SEDEX50)	(Sep 2023)
	Bronze Recipient, UTP Brand Advocate Programme 2019	(Dec 2019)
MCMC	Best Visionary Concept (Request System Application) – Microsoft Power Platform	(May 2022)
	Programme Hackathon	
	3 rd Place in the Capture the Flag (CTF) Scoreboard – Professional Network Security	(Jul 2022)
	Penetration Testing Training Course	

REFERENCES

MANDEEP SINGH

IT Graduate, UTP Class of 2023

Digital Services Technical Analyst
Digital Development Centre (DDC) Malaysia
Rizing, a Wipro Company
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MARYANA TAHIR

Student Industrial Training (SIT) Supervisor

Head, Enterprise Information Systems (Former)
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