ANAS ALBAKRI BIN HISHAM ALBAKRI

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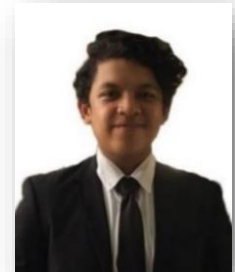
EDUCATIONAL BACKGROUND

Universiti Teknologi PETRONAS (UTP), Perak
Bachelor of Information Technology (Honours)   (May 2020 – August 2023)
Majoring in Cyber Security with Corporate Management
Latest GPA: 3.32, CGPA: 3.53

Foundation of Engineering and Geoscience   (May 2019 – April 2020)
Electrical & Electronics Engineering
CGPA: 2.85

WORKING EXPERIENCE

Malaysian Communications and Multimedia Commission (MCMC)	(January 2022 – August 2022)

Software Systems Engineer (Internship Trainee)
- Worked as a software systems engineer in the Enterprise Information Systems Department (EISD) of the Strategic Information Technology Division (SITD), during the Student Industrial Training (SIT) semester (January – May 2022) of the UTP Student Industrial Internship Programme.
- Built a sample home webpage interface design, selection of the webpage colour schemes, as well as process flow design of an automated Chatbot for the MCMC Check Your Label revamping project, which fulfils the software requirement specification (SRS) and software design specification (SDS).
- Proposed a departmental/divisional SharePoint site for the EISD/SITD, which features Outlook calendar reminders, user customizability, newsletter dashboard, organizational announcements, defined organizational chart(s), user forums, third-party software embedding and many more.
- Participated in departmental meetings and occasions, such as a 2-day interdivisional Microsoft Power Programme Hackathon, representing the SITD.

Server / Network Analyst (Internship Trainee)
- Worked as a server/network analyst in the Managed Network Services Department (MNSD) of the Strategic Information Technology Division, during the Student Industrial Project (SIP) semester (May – August 2022) of the UTP Student Industrial Internship Programme.
- Performed daily/weekly monitoring of server backups, server health monitoring, traffic logs, as well as security measures of the MCMC network infrastructure, and reported back to superiors for any unusual behaviour of analysis results.
- Performed stock take (tagging and conditioning) of IT assets in MCMC's inventory, which included assets from 22 state/branch/headquarters' offices. Assisted colleagues in tape job extractions from the MCMC data centre, overnight server migrations, overnight firmware updates, as well as departmental/divisional tasks.
- Participated in departmental meetings and occasions, such as a 3-day divisional Professional Network Security Penetration Testing Training Course.

Student Industrial Project (SIP)
Digitalization of Anti–Competitive Complaint Forms (Communications / Postal & Courier)
- The anti-competitive complaint forms were digitized on behalf of the MCMC Competition Department, Market Regulation Division. The project consisted the use of multiple software programs including Kentico CMS, VS Code, Veeam products, Microsoft products, as well as Fortinet products, in accordance to the Systems Development Life Cycle.
- Performed debugging of codes, provisioned the server stability, traffic logs, software and hardware infrastructure as well as performance overall.

SKILLS

Language	: Bahasa Melayu (Native), English (Fluent)
Programming	: Bash, C/C++, CSS, HTML, JavaScript, PHP, PowerShell, Python, R Language, SQL
Software	: Adobe Premiere Pro, Adobe Photoshop, Arduino, Canva, Cisco Packet Tracer, Huawei eNSP, LEGO Mindstorms, Microsoft 365, Microsoft Power Apps, Microsoft SharePoint, OBS Studio, ProjectLibre, Wireshark
Others	: Software Engineering, DevOps, Network Simulation, Graphic/Video Editing, Digital Marketing

POSITIONS (ACTIVITIES/EVENTS/CLUBS)

a) Year 2021

i. <u>TECHPOD (MPU4 Community Engagement Project)</u>
- Committee member of Media & Publication department, involved for graphic designing and technical media expertise.
- A community project conducted to spread awareness about the importance of the technology stream and expose younger students to this field.

ii. <u>E-UTP Super Sports (E-UTPSS) 2021</u>
- Committee member of Gamemaster department for mobile game Pokémon GO.
- UTP student interdepartmental competition held virtually, focusing around varieties of e-sports.

b) Year 2020

iii. <u>Down To Earth (DTE) Community Service</u>
- Project Director of the community service project themed "Underprivileged Outreach".
- A two-day event (4th and 7th March 2020) conducted to give assistance, aid and education to the underprivileged secondary school students of SMK Sultan Muzafar Shah 1 at Lambor Kanan, Perak in terms of monetary support for their education and basic daily needs.

iv. <u>Go Nature Campaign 3.0</u>
- Assistant Head of Campaign and Promotion department – 2020/2021
- One of UTP's biggest initiative events to nurture broad community into environmental driven and sustainable future.
- Involved with Young Entrepreneurs Enhancement (YEE) Project, which involves promotion of small entrepreneurship businesses amongst the community.

c) Year 2019

v. <u>Short Film Project (Proficiency English)</u>
- Film Director of FBL0013 Proficiency English coursework project titled "The Typewriter" for May 2019 semester of Foundation Studies.
- Co-edited the short film using software programs Adobe Premiere Pro, After Effects and Photoshop.

vi. <u>UTPHost (Student Club under UTP Corporate Communications Department)</u>
- Asst. Head of Special Tasks department – 2019, Assistant Head of Human Resources department – 2020, Head of Special Tasks department – 2021.
- Club which caters Universiti Teknologi PETRONAS visits, university-based events as well as CSR activities.
- Government-Linked Universities STEM Workshop 2019, UTP 19th Convocation Ceremony, Program Sentuhan Kasih TBC 2020.

AWARDS & ACHIEVEMENTS

UNIVERSITI TEKNOLOGI PETRONAS	
• Dean's List Award for Foundation Semester 3	(June 2020)
• Dean's List Award for Undergraduate Semester(s) 1, 2, 5	(2020 – 2021)
• Bronze Recipient, UTP Brand Advocate Programme	(December 2019)
MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION	
• Won Best Visionary Concept (Request System Application) for the Microsoft Power Platform Hackathon	(May 2022)
• Won 3rd Place in the Capture the Flag (CTF) Scoreboard for the Professional Network Security Penetration Testing Training Course	(July 2022)

REFERENCES

MANDEEP SINGH A/L GURDIP SINGH
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Bachelor of Information Technology (Hons)
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