ARIF IKHWAN BIN MUSTAFFA

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Position to apply : Protege IT Support

Computer Science (Information Security) bachelor's degree holder with a foundation in strong analytical, problem-solving, and a commitment to ethical principles. Seeking opportunities to apply academic knowledge and contribute to organizations by enhancing security posture, addressing challenges, and fostering a culture of continuous improvement.

EXPERIENCE

OBJECT EXPRESSION SDN BHD.   **Cyberjaya, Selangor**
Internship   **August 2020 - January 2021**

- Administered and maintained a MySQL government system database for government agencies using Linux and phpMyAdmin, ensuring system reliability and resolving errors promptly. Conducted routine database backups and monitored system logs for rapid issue resolution.
- Optimized user support by implementing a 'Forgot Password' feature, resulting in a 50% reduction in support requests, saving the team 10 hours per month and improving user satisfaction.
- Collaborated on creating HTML pages for a government system project under the Ministry of Housing and Local Government.
- Analyzed user acceptance testing reports, assisting the software development team in resolving approximately 70% of issues and errors.

Mastercard Cybersecurity virtual experience program on Forage   **November 2023**

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

PROJECTS
Google Cybersecurity Certificate

- Conducted data analysis to strengthen system security by investigating login attempts and employee machines, utilizing SQL filters, logical operators (AND, OR, NOT), and wildcard (%) for targeted information extraction.
- Identified critical security risks in a remote database server, followed NIST SP 800-30 Rev. 1 guidelines for risk analysis, and developed a remediation strategy.
- Developed a Python algorithm to update access permissions for a healthcare company's restricted content, enhancing data security and access management processes.
- Performed data queries with Splunk for security data analysis and incident response, including recognizing patterns and anomalies in data.
- Enhanced skills in SIEM tools, particularly Chronicle, focusing on incident response and threat assessment.

CCNA Routing and Switching: Introduction to Networks Certificate

- Proficiency in core networking concepts, including IP addressing and subnetting.
- Strong grasp of LAN and WAN technologies.
- Competent in configuring and managing network devices.
- Skilled in identifying and resolving network issues.

- Familiarity with fundamental network security principles.
- Understanding of the IPv6 protocol.
- Introduction to wireless networking.
- Proficient in common network services and applications.
- Equipped with a solid basis for advancing within Cisco's CCNA program.

Personal Projects

- Acquired foundational skills in TCP traffic analysis using TCPDump, improving network troubleshooting and security threat detection.
- Completed coursework in Wireshark for network traffic analysis, including capturing and analyzing network traffic and using various network protocols.
- Conducted a phishing analysis project on BTLO, utilizing VirusTotal, WHOIS.domaintools, URL2PNG, and Cyberchef decoder to analyze email headers, investigate URLs and domains, and decode content. Demonstrated proficiency in cybersecurity principles and identified potential security threats.

EDUCATION

UNIVERSITI TUN HUSSEIN ONN MALAYSIA   Johor, Malaysia
Bachelor's Degree in Computer Science(Information Security)   September 2018 - December 2022

KOLEJ MATRIKULASI MELAKA   Melaka, Malaysia
                                                                                    2016 - 2017

SKILLS

- SQL *(Beginner)*
- Python *(Beginner)*
- Linux *(Beginner)*
- Cyber Security *(Beginner)*
- Chronicle *(Beginner)*
- TCPDump *(Beginner)*
- Wireshark *(Beginner)*
- Splunk *(Beginner)*
- Suricata *(Beginner)*
- Networking *(Beginner)*
- MUET *(Band 4)*

CERTIFICATION

GOOGLE CYBERSECURITY CERTIFICATE   COURSERA
(Online course)

CCNA ROUTING AND SWITCHING : INTRODUCTION TO NETWORKS   CISCO