MUHAMMAD ABQARI ZULKIFLI

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SUMMARY

Enthusiastic and detail-oriented Computer Science graduate majoring in Cyber Security, seeking an entry-level role in **Cybersecurity**, **Data Analytics**, or **Quality Tester**. Available from **19 September 2025**. Proven ability to develop AI-based security tools and automate QA processes.

EDUCATION

Universiti Utara Malaysia   Aug 2021 – Expected Aug 2025
Bachelor of Computer Science with Honours, Major in Cybersecurity   *Sintok, Kedah*

EXPERIENCE

Vice President of Education, Toastmasters UUM   Oct 2024 – March 2025
Toastmasters UUM   *Sintok, Kedah*
- Designed and implemented **personalized educational plans** to support members' progress across Toastmasters' communication and leadership tracks
- Organized and scheduled over **10+ meetings**, maintaining a balanced mix of speeches, evaluations, and leadership opportunities
- Maintained and distributed updated educational resources to improve access and usage

Sergeant at Arms, Toastmasters UUM   March 2024 – Oct 2024
Toastmasters UUM   *Sintok, Kedah*
- Oversaw all logistical arrangements for club meetings and events, ensuring timely setup and professional meeting environments for over 30 attendees.
- Maintained and managed club assets, including audio-visual equipment and promotional materials, contributing to efficient event execution.
- Collaborated with club officers to coordinate meeting roles and supported event planning, improving overall club operations and member experience.

Secretariat, Entrepreneurship and Leadership Bureau Inasis SME Bank   Dec 2022 – Oct 2023
Inasis SME Bank   *Sintok, Kedah*
- Supported logistics for **5+ large-scale events** with **50+ attendees**
- Coordinated schedules and resources to ensure on-time delivery of event milestones
- Communicated clearly with attendees, resulting in a **20% increase** in pre-event confirmations

Active Member, UUM IEEE   May 2024 – Present
UUM IEEE   *Sintok, Kedah*
- Led a hands-on workshop on cryptography during "Intro to CTF," with **20+ participants**
- Contributed to the planning and execution of **3 cybersecurity events**, improving member engagement and outreach

Intern, Quality Engineer, Telekom Malaysia Research and Development   Mar 2025 – Sep 2025
Telekom Malaysia   *Cyberjaya, Malaysia*
- Contributed to the **Smart City** Project, focusing on Quality Assurance across modules
- Designed and executed **manual and automated tests** using Selenium and Robot Framework
- Filed and tracked **15+ bug reports** and collaborated with developers for timely resolutions
- Helped the team meet **100% of sprint goals** before the start of the next MVP cycle
- Helped the team performing performance testing on **DroneDB** with Swagger, Postman and Jmeter

PROJECTS

PhishGuard | *Python, Machine Learning, Kaggle Datasets*
- Built a phishing URL detection model using **Random Forest**, achieving **92% F1 Score**
- Evaluated models using **AUC**, **Accuracy**, and **F1 Score**; Random Forest outperformed others
- Visualized results using **Tableau** and applied dimensionality reduction to optimize features

PowerCastMY | *Python, Machine Learning, Malaysia Datasets*
- Developed an ML-based **forecasting model** for Malaysia's energy consumption patterns
- Released the project as **open-source** on GitHub to support the research community

QAGenius | *Python, Robot Framework*
- Automated the conversion of **URS to UAT** and then into test scripts using **NLP** and **Robot Framework**
- Implemented a rule-based NLP pipeline to extract testable actions from requirements
- Reduced manual QA effort by **40%** and ensured consistency across generated scripts
- Project link: **QAGenius**

Project Typhon | *Python, JMeter*
- Enabled **natural language-based JMeter test generation**, removing the need for scripting knowledge
- Automated creation of complex performance test plans via dynamic JMX generation
- Improved QA throughput for load testing by up to **30%**

Project Geass | *React 18, Next.js, Node.js, PostgreSQL, TensorFlow, OpenCV, AWS, Docker, OpenDOSM*
- Developing a platform integrating **AI, geospatial analysis**, and **real-time market data** for business intelligence
- Utilizes **TensorFlow** and **OpenCV** for AI/image tasks, and **PostgreSQL** for geospatial data
- Leverages **OpenDOSM Malaysia** data for highly accurate and locally relevant mapping insights
- Architected using **React 18, Next.js, Node.js**, and **Docker on AWS** for cloud-ready deployments
- Targets optimization of location-based decisions for real estate and retail businesses

UI Structure Mapper(Ultima) | *Chrome Extension, JavaScript, CSS, HTML, XPath, Automation*
- Built a Chrome extension for **Quality Engineers** to capture and organize UI element locators using **Ctrl+Click**, without disrupting normal browsing
- Enabled smart element detection with support for **XPath**, **CSS Selectors**, IDs, names, and more
- Implemented a real-time UI tree viewer with **screen-based organization**, element numbering, and export/import capabilities
- Published and deployed on the **Chrome Web Store**, making the tool accessible to a wide audience of Quality Engineers and automation testers

CTF COMPETITIONS

- **Rawsec CTF (2023):** Top 10 finalist among 200+ participants

- **PETRONAS Inter-University CTF (2023):** Ranked in top 60%

- **ASCIS CTF (2024):** Reached final round; competed with top ASEAN university teams

- **IBOH CTF (2024):** Represented university in international round

TECHNICAL SKILLS

Tools & Platforms: Kali Linux, Windows CLI, Wireshark, Autopsy, BurpSuite, Postman, Appium Inspector, Selenium, Robot Framework, JMeter, Tableau, Orange, JohnTheRipper, Swagger
Programming Languages: Python, Java
Languages: Malay (native), English (fluent)

CERTIFICATE

Cisco: CCNAv7: Switching, Routing, and Wireless Essentials
Cisco: Network Security
LinkedIn Learning: Cybersecurity Foundations
LinkedIn Learning: Cybersecurity Foundations: Security Architecture
LinkedIn Learning: Cybersecurity Awareness: Cloud Security **LinkedIn Learning:** Cybersecurity Foundations: Governance, Risk, and Compliance (GRC)