HUSSEIN WALIYU

🏠 05200, Alor Setar, Kedah, Malaysia
📞 +601140564320
✉ iamwaliyuhussein@gmail.com
🌐 www.husseinwaliyu.com

SUMMARY

Dynamic and innovative Junior Web Developer with expertise in creating user-centric websites using Elementor and Newspaper themes. Currently pursuing a Bachelor of Computer Science with Honors, specializing in Cybersecurity, at Albukhary International University, Malaysia. Experienced in machine learning research, IoT-based systems, and ethical hacking, with a solid foundation in cloud security. Successfully developed practical solutions such as the AIU IoT-Based Smart Security Locker System. Awarded the Dean's Awards for academic excellence and completed online courses in Google Cloud Cybersecurity, Ethical Hacking, and Cyber Threat Management. Passionate about fostering digital trust and delivering secure, innovative solutions.

EDUCATION

Bachelor of Computer Science with Honors (Cybersecurity)   **Oct 2022 - Present**
Albukhary International University, Malaysia

- **Expected Graduation:** November 2025
- **Relevant coursework:** Information Security Management System, Cryptography, Risk Management, Vulnerability Assessment and Penetration Testing, Web development and Design, Database Management System, Secure Software Development.

High School in General Science   **May 2016 - May 2019**
Islamic Senior High, Ghana

- **Relevant coursework:** Physics, Chemistry, Mathematics, Information Technology.

WORK EXPERIENCE

Junior Web Developer   **Mar 2022 - Present**

- Designed and developed dynamic blog websites for 10+ clients using Elementor and Newspaper themes.
- Implemented custom designs and optimized websites for SEO and mobile responsiveness.
- Conducted risk assessments and security audits to ensure project success and compliance with best practices.
- Enhanced website performance, increasing client satisfaction by 25% on average.

RESEARCH PAPERS AND PROJECTS

Exam Grades Prediction Mechanism (EGpM) Using Machine Learning Algorithms   **Feb 2024 – Present**

- Collaborated with a team to analyze the impact of environmental factors on student scores.
- Utilized Logistic Regression, Naive Bayes, Decision Tree, and Artificial Neural Networks (ANN) for prediction.
- Designed and evaluated models for accuracy, contributing to insights on educational outcomes.

AIU IoT-Based Smart Security Locker System with OTP (FYP)   **May 2024 – Ongoing**

- Developed a secure locker access system leveraging IoT and OTP mechanisms.
- Integrated advanced security protocols to enhance user convenience and eliminate physical keys.
- Demonstrated innovative problem-solving to address academic institution needs.

SKILLS

Technical Skills

- **Programming Languages:** Python (Intermediate), C (Intermediate), Java (Beginner).
- **Web Development:** WordPress, Elementor, Digital Marketing (SEO, Google Analytics).
- **Cybersecurity Tools:** Kali Linux, Burp Suite, Wireshark, OpenVAS, Postman.
- **Other Tools:** Canva, VS Code, Google Workspace.

Soft Skills

- Active listening, Verbal and written communication, Collaboration, Decision-making, Critical thinking, Creativity, Time Management, Attention to detail, Quick learning, Patience.

Language

- English

ONLINE COURSES COMPLETION

- Google Cloud Cybersecurity Certificate
- Ethical Hacking
- Cyber Threat Management
- WordPress Designs with Free Elementor

AWARDS AND ACTIVITIES

- **Dean's Awards:** Recognized for academic excellence in Computer Science.
- **Social Business Symposium:** Represented in a competitive forum on innovation.
- **Country Head Representative:** Led and coordinated student activities as a representative of Ghana.

REFERENCES

Available upon request.