

DELTASPIKE ASIA SDN. BHD.

CYBERSECURITY INTERNSHIP PROGRAMME

Industry: Academia Talent Development Proposal

Building future-ready cybersecurity talent through practical industry experience.

1. Programme Overview

- 1.1 DeltaSpike Asia Sdn. Bhd. is pleased to present this Cybersecurity Internship Programme to Malaysian universities and higher learning institutions. The programme is designed to connect academic learning with practical industry exposure and to develop students into work-ready cybersecurity professionals.

2. About DeltaSpike

- 2.1 DeltaSpike is a Malaysia government-backed cybersecurity company focused on Managed Security Services and cybersecurity operations across the Asia-Pacific region and the global market. The company combines experienced cybersecurity professionals, operational capabilities and AI-driven technology to help organisations strengthen their security posture, detect threats and respond to incidents.
- 2.2 DeltaSpike's key capabilities include:
- Managed Detection & Response (MDR)
 - Security Operations Centre (SOC) Services
 - Digital Forensics & Incident Response (DFIR)
 - Vulnerability Assessment & Penetration Testing (VAPT)
 - Threat Intelligence
 - Security Monitoring and Log Management
 - Cybersecurity Consulting, Awareness & Training
 - AI-driven Security Operations

3. Programme Objectives

- Provide students with structured exposure to real-world cybersecurity and business operations.
- Bridge academic knowledge with practical workplace experience.
- Develop technical, analytical, communication and professional skills.
- Expose students to modern cybersecurity operations, tools, processes and service delivery.
- Create a sustainable industry-academia talent pipeline for future cybersecurity employment.
- Encourage long-term collaboration between DeltaSpike and participating universities.
- International exposure and preparing Malaysian talent for the global market.

4. Target Students & Academic Disciplines

- 4.1 The programme is suitable for students undertaking diploma, degree or equivalent studies in:
- Cybersecurity / Information Security
 - Computer Science / Information Technology
 - Digital Forensics
 - Network Engineering
 - Software Engineering
 - Data Science / Artificial Intelligence
 - Business Information Systems
 - Project Management, Business or Technology-related disciplines

5. Internship Structure & Duration

Item	Proposed Arrangement
Programme availability	From 2026 onwards; intake subject to business and project requirements.
Duration	Normally 3–6 months, or in accordance with the university's internship requirement.
Intake	Open throughout the year, subject to available placements.
Work arrangement	Primarily onsite
Location	DeltaSpike Malaysia Office, Kuala Lumpur.
Supervision	Students will be assigned a designated supervisor and relevant team lead.
Assessment	Progress, attendance, work quality, learning outcomes and professional conduct may be reviewed during the placement.

6. Internship Tracks & Key Responsibilities

- 6.1 **Security Operations Centre (SOC):**
Support security monitoring, review alerts, understand incident triage, document observations and learn SOC workflows.
- 6.2 **Managed Detection & Response (MDR):**
Gain exposure to managed security operations, detection concepts, escalation processes and service delivery.
- 6.3 **Threat Intelligence:**
Research cyber threats, threat actors and trends; support intelligence summaries and reporting.
- 6.4 **VAPT:**
Support vulnerability assessment activities, security testing preparation, findings documentation and report development under supervision.
- 6.5 **DFIR:**
Learn incident response processes, evidence handling concepts, investigation documentation and case support under supervision.
- 6.6 **Cybersecurity Research:**
Conduct research on emerging threats, technologies, frameworks and industry developments.
- 6.7 **Operations & Project Management:**
Support project tracking, documentation, coordination, meeting preparation, reporting and process improvement.
- 6.8 **Business Development & Marketing:**
Support technology market research, event coordination, content preparation, partner research and business development activities.

7. Learning & Skills Development

Capability Area	Expected Development
Cybersecurity fundamentals	Threats, vulnerabilities, security operations, monitoring and incident response concepts.
Technical exposure	Security tools, logs, alerts, assessment methodologies and cybersecurity platforms, according to placement.
Analytical thinking	Problem identification, investigation, research and evidence-based decision making.
Documentation & reporting	Professional reports, incident notes, project documentation and management updates.
Communication	Professional email, meeting participation, presentation and stakeholder communication.
Teamwork & accountability	Working within a professional team, managing deadlines and taking ownership of assigned tasks.
Business awareness	Understanding how cybersecurity services create business value and support organisational resilience.

8. Student Expectations

- Maintain professional conduct, punctuality and attendance throughout the internship.
- Protect confidential company, customer and security-related information.
- Follow DeltaSpike's policies, procedures and security requirements.
- Complete assigned tasks responsibly and meet agreed deadlines.
- Actively seek feedback and demonstrate continuous learning.
- Maintain appropriate documentation of activities and learning outcomes.

9. Industry–Academia Collaboration

9.1 DeltaSpike welcomes broader collaboration with universities beyond internship placement, including:

- Industry talks and guest lectures
- Cybersecurity workshops and awareness programmes
- Career fairs and talent engagement
- Final Year Project collaboration
- Applied research and knowledge-sharing initiatives
- Industry visits and technical exposure sessions
- Long-term internship and talent pipeline partnerships

10. Value to Universities & Students

For Universities	For Students
• Industry exposure for students	• Practical cybersecurity experience
• Stronger graduate employability	• Mentorship and professional guidance
• Access to practising cybersecurity professionals	• Exposure to enterprise security environments
• Real-world project exposure	• Development of technical and soft skills
• Potential long-term industry collaboration	• Professional networking and potential future career opportunities

11. Application & University Coordination

- 11.1 Universities are invited to recommend suitable students and provide the relevant internship placement requirements, academic calendar, internship duration, student profiles and faculty/supervisor contact details. DeltaSpike will review candidates according to available placement requirements and business needs.

12. Closing Statement

- 12.1 DeltaSpike is committed to developing the next generation of cybersecurity professionals. Through meaningful industry exposure, structured mentorship and practical learning, we aim to help students understand how cybersecurity operates in real business environments while contributing to the development of Malaysia's cybersecurity talent ecosystem.

We look forward to working closely with universities and academic partners to establish sustainable, mutually beneficial industry–academia relationships.

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