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AI Trainer & Consultant · Senior Lecturer, UKM · Generative & Agentic AI for organisations

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27

SESSIONS DELIVERED 2026

23

HOST ORGANISATIONS

24+

TRAINING DAYS

6

SECTORS SERVED

5

REGISTERED AI MODULES

13

COURSES COMPLETED 2025–26

113

PUBLICATIONS

RM 1.51M

RESEARCH FUNDING

01 Professional Profile

AI trainer and consultant who turns generative and agentic AI into day-to-day capability for organisations. In 2026 alone he has delivered hands-on programmes for the Royal Malaysia Police, a university hospital, the Government e-procurement operator (Commerce Dot Com), university faculties and libraries, and visiting cohorts from China — from one-hour webinars to multi-day professional-certificate modules. Appointed an AI Champion by Malaysia's Ministry of Higher Education, he designs his own training modules (five registered as copyrights at UKM) and keeps them current through continuous certification, including Anthropic's Claude and Microsoft–LinkedIn generative-AI tracks. Behind the training sits a research record of 113 publications, a Ph.D. in Evolutionary Computing and RM 1.51M in competitive grants, including a national project building a large language model for the Malay language. Senior Lecturer at Universiti Kebangsaan Malaysia, previously Assistant Professor at JAIST, Japan.

02 Training Expertise

Generative AI for the Workplace

Gemini, NotebookLM, ChatGPT & Copilot for office productivity, communication and presentation — hands-on, role-based exercises for staff from front-line to senior management

AI for Research & Academic Writing

Ethical AI use across the research cycle — literature review & SLR, manuscript development, Q1/Q2 journal targeting — for faculties, libraries and hospitals

Agentic AI & LLM Engineering

Building agents and RAG pipelines with LangChain / LangGraph, local LLM deployment, and AI for law enforcement & public-sector operations

03 Training & Workshops Delivered

27 sessions · 23 organisations · 2026

By sector: Academia 12 · Healthcare 7 · International 4 · Government 2 · Industry 1 · Schools 1. Newest first; participant counts shown where an attendance list exists.

6 Oct 2026

WORKSHOP AI-Guided Office Productivity Transformation, Series 2

Hospital Canselor Tuanku Muhriz (HCTM) UKM · Hospital staff

1 Oct 2026

KEYNOTE Keynote — Learning to Learn with AI: Meta-Learning Skills for the Aspirational University

kNovasi 2026 (UKM teaching-innovation congress) · Higher-education educators

28–29 Sep 2026

WORKSHOP AI-Assisted Academic Writing for Journal Publication: From Manuscript to Submission

STEM Enculturation Research Centre, Faculty of Education, UKM · Academics

27 Sep 2026

TALK AI in Health Science Research & AI Tools in Healthcare (2 sessions)

Malaysian Society of Radiographers (MSR) · Radiographers

26 Sep 2026

TALK Measuring the Unmeasurable: What Games Teach Us About Engagement

myHCI-UX (KL ACM SIGCHI Chapter), 9th AGM, UPM · HCI researchers & practitioners

25–26 Sep 2026

WORKSHOP AI Masterclass for Practical Communication & Presentation (co-trainer)

Commerce Dot Com Sdn Bhd (CDC) · Corporate communications, SVP to executive · 10 participants · rated 4.70 / 5

23 Sep 2026	COURSE	AI Technology in Law Enforcement (SPSK5231) — Professional Certificate, Series 2 Royal Malaysia Police (PDRM), via FSSK UKM · Police officers (DSP/ASP/Insp.) · 30 participants	16 Jul 2026	WORKSHOP	Introduction to Computer Science, Programming & Digital Tech — “The Journey of One Alert” UKM summer programme (international students) · UG & PG students, China
17 Sep 2026	WORKSHOP	SIM Builder: Building Interactive Teaching Simulations with AI UKM teaching staff programme · UKM lecturers	7–9 Jul 2026	COURSE	Agentic AI — Foundations Course (hands-on LangChain / LangGraph) BAKAT-UKM & DigitalUKM · UKM IT officers · 22 participants
9 Sep 2026	COURSE	AI Technology in Law Enforcement (SPSK5231) — Professional Certificate in AI- & Cybersecurity-Driven Policing, Series 1 Royal Malaysia Police (PDRM), via FSSK UKM · Senior police officers (DSP/ASP) · 30 participants	6 Jul 2026	WORKSHOP	AI in Daily Use: Planning, Content & Video Generation (Summer Camp) Zhejiang University of Finance & Economics (ZUFE), via IVI UKM · Visiting students, China
18 Aug 2026	TALK	Using AI in Research (FEP Research Ethics Series 1/2026) Faculty of Economics & Management, UKM · Lecturers & postgraduates	13 May 2026	WORKSHOP	Transforming Healthcare and Work with AI (Pre-Conference Workshop on Public Health & SDGs) Public-health conference · Public-health professionals
11 Aug 2026	WORKSHOP	AI-Guided Office Productivity Transformation, Series 1 Hospital Canselor Tuanku Muhriz (HCTM) UKM · Hospital staff	4 May 2026	WEBINAR	AI Champion Webinar 1 — Maximise Your Productivity with the Google Ecosystem UKM AI Champion Webinar Series · UKM staff
7 Aug 2026	WEBINAR	Using AI in Research Preparation (Research Webinar Series) Dept. of Ophthalmology, Faculty of Medicine, UKM · Ophthalmology postgraduates	27 Apr 2026	WORKSHOP	Gemini Pro & NotebookLM for Work Efficiency and Innovation Faculty of Health Sciences, UKM · Faculty staff
6–7 Aug 2026	WORKSHOP	Integrating AI in Research and OBL-Based Pedagogy Centre for Drug & Herbal Development, Faculty of Pharmacy, UKM · Lecturers, researchers & students	16 Apr 2026	WORKSHOP	Using AI in Writing Journal Articles UKM Library (PTSL) · Academics & researchers
3–4 Aug 2026	WORKSHOP	AI in Daily Use: Planning, Content & Video Generation (Summer Camp) Zhejiang A&F University (ZAFU), via IVI UKM · Visiting students, China	6–7 Apr 2026	WORKSHOP	AI & Information Literacy in Academic Writing — Module LS27 Development (Series I & II) UKM Library (PTSL) · Librarians & instructors · 13 participants
29 Jul 2026	WEBINAR	AI Champion Webinar 8 — Ask, Assist or Automate: Gemini as Your Digital Productivity Driver UKM AI Champion Webinar Series · UKM staff	21 Feb 2026	WORKSHOP	AI Intervention for Teachers: Vibe-Coding a Digital Teaching Portfolio Teacher community programme · School teachers
29 Jul 2026	TALK	AI Applications in Healthcare & Education (UKM–ZCMU Summer Programme 2026) UKM Global & FTSM, for Zhejiang Chinese Medical University · Visiting students · 40 participants	9 Feb 2026	WORKSHOP	Q1/Q2 Journal Writing Workshop, Series 2 (Mentoring System) Faculty of Law, UKM · Law academics
			20 Jan 2026	WORKSHOP	Using AI for Article Writing (CORE Synergy Series 1/2026) CORE, Faculty of Health Sciences, UKM · Researchers & postgraduates

Scheduled — confirmed engagements

20 Oct 2026	WORKSHOP	AI for Literature Review Writing FSSK Research Secretariat & UKM Library · Researchers & postgraduates	27–29 Oct 2026	COURSE	LLM Engineering: From Setup to Production Systems (Series 1) Malaysian Armed Forces · Technical officers
22 Oct 2026	TALK	Application of AI in Clinical Research: Dos and Don'ts Dept. of Obstetrics & Gynaecology, Faculty of Medicine / HCTM · Clinicians & researchers	3–5 Nov 2026	WORKSHOP	Workshop Speaker — MCAIT 2026 Taibah University, Madinah (with UKM) · Conference delegates

04	Registered AI Training Modules	5 copyrights · UKM
AI Technopreneurship · FTSM, UKM (2025)	AI for Education · FTSM, UKM (2025)	
AI for Workplace · FTSM, UKM (2025)	AI-Assisted Research Writing · FTSM, UKM (2024)	
AI-Assisted Systematic Literature Review · FTSM, UKM (2024)		

05 Appointments

- AI Champion, Ministry of Higher Education Malaysia (appointed Apr 2026) — runs the UKM AI Champion webinar series
- Module lecturer, UKM-PDRM Professional Certificate in AI- & Cybersecurity-Driven Policing (2026)
- Consultancy & training via UKM Pakarunding Sdn. Bhd.

06 Awards & Recognition

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- Excellent Service Award (Anugerah Perkhidmatan Cemerlang) — UKM (2026)
- Teaching Performance Excellence (SPPP 3.5–5.0) — FTSM, UKM, Sem. 2 2025/26
- Outstanding Individual Award (Innovation), Science & Technology — MyRA@UKM Excellence Awards (2025)
- Gold Medal, Digital Games category (team mentor) — DICE 3.0, KPT & UniSZA (2025)
- Best Paper Award — M-CAIT 2021, UKM
- Best Paper Award — IRICT 2020
- Best Paper Award — iCiCSE 2018, Kuching
- Best Student Paper Award — ICCST'16, Kota Kinabalu
- Certificate of Excellence — Industrial Training, USM (2011)

07 Professional Development & Certification

2025–2026

- 2026 **Claude 101 · Claude Code 101 · Claude Platform 101 · Introduction to Claude Work** — Anthropic Academy · Jul 2026 · 4 verified certificates
- 2026 **From Model to MCU: Pruning, Projection & Quantization for Edge AI** — TechSource Systems (MathWorks) · 9 Jun 2026
- 2026 **Smarter Teaching Starts Here: Gemini Pro for Lecturers** — Online webinar · 25 May 2026
- 2026 **Course-Note Development for UKM Trainers (Agentic AI)** — BAKAT-UKM & DigitalUKM · 9 Apr 2026
- 2026 **Thesis to Book** — IIESM, Universiti Teknologi MARA · 26–27 Feb 2026
- 2025 **Empowering Leadership Conference 2.0 — Artificial Intelligence: The New Era of Leadership** — Universiti Malaysia Sabah / AKEPT · 24–25 Sep 2025
- 2025 **Scopus AI, ChatGPT & AI Agents for Rapid Research Paper Creation** — Educrafters · 10 Sep 2025

- 2025 **Build Your Generative AI Productivity Skills (learning path)** — Microsoft & LinkedIn Learning · 5 Sep 2025 · 4 h 51 min
- 2025 **What Is Generative AI? · Become an AI-Powered People Manager** — LinkedIn Learning · Aug–Sep 2025 · 3.4 NASBA CPE
- 2025 **AI Productivity Hacks · Excel with Copilot · Copilot in PowerPoint · Prompt Engineering for Generative AI · Generative AI for Creative Content** — LinkedIn Learning · Sep 2025 · HRCI, SHRM & PMI credits
- 2025 **Webinar Series on Active Learning — AI in Teaching & Learning and Academic Quality Assurance (2/2025, 5/2025)** — UKM · May & Dec 2025
- 2025 **Professional Certificate in Higher Education Teaching (SPPPT), Cohort 13** — Human Resources Division, UKM · 17–28 Feb 2025
- 2025 **Mind Transformation Programme (Program Transformasi Minda)** — Human Resources Division, UKM · 20–24 Jan 2025 · assessed

08 Education

- **2015–2018** · Ph.D., Evolutionary Computing
Universiti Sains Malaysia
Thesis: Enhanced Artificial Immune System for Assembly Line Balancing via Shifting Bottleneck Identification.
- **2013–2015** · M.Sc., Computer Science
Universiti Sains Malaysia
Thesis: Optimizing Crowd Evacuation in the Emergency Route Planning Problem.
- **2009–2013** · B.Comp.Sc. (Hons)
Universiti Sains Malaysia
Major: Intelligent Systems; Minor: Management. CGPA 3.15.

09 Employment

- **2023–present** · Senior Lecturer
Faculty of Information Science & Technology, UKM.
- **2018–2023** · Assistant Professor
School of Information Science, JAIST, Japan.
- **2021–2023** · Part-Time Research Fellow
School of Computer Sciences, USM.
- **2013–2018** · Graduate Research & Teaching Assistant
School of Computer Sciences, USM.

10 Research Credentials

113 publications · h-index 18 · full record in the Academic CV

Grants led as principal investigator. Complete publication list, supervision and service: akmal.app/cv

PI LLM for the Malay National Language

2025–2026 · KPT

RM 400,000

PI Human-Machine Collaborative Framework using GAN & Map-Elites (FRGS)

2024–2027 · FRGS / KPT

RM 125,300

PI A Modified Liquid Neural Network Architecture for Iterative Design Optimization

2024–2026 · UKM Internal

RM 50,000

PI Establishing a New Research Field of “Comfort in Mind” Science & Technology

2021–2022 · JAIST

RM 16,615

PI Fusion of Data- & Theory-Driven Research: Empathic Entertainment (founded IRC-AIES, JAIST)

2022–2023 · JAIST

RM 23,259

11 Technical Skills

PROGRAMMING

C++ C#.NET Python Java R MATLAB Scilab PHP SQL Prolog LaTeX

DATA & WEB

MySQL Neo4j SQLite XQuery HTML/CSS JavaScript Apache Tomcat

AI TOOLS

Gemini NotebookLM ChatGPT Claude Microsoft Copilot Perplexity LangChain LangGraph

PROFESSIONAL

Research & Publishing Teaching & Training Consultation Peer Review

LANGUAGES

English (fluent) Bahasa Malaysia (native)

12 Membership & Certification

- Professional Technologist, MBOT (2023–)
- IEEE Member & Computational Intelligence Society (2019–)
- AAAI Member · MyAIS (AIS Malaysia Chapter)
- Research Coordinator, CAIT · JPPI Committee, FTSM

13 Professional Service

- Guest Editor — Entertainment Computing (Elsevier), Information (MDPI), PeerJ Computer Science
- Program Committee — IFIP-ICEC, AGENTICS/IJCCI 2025, AWIST
- General Chair — ASEAN Workshop on Information Science & Technology; AI & Entertainment Science Workshop, JAIST
- Organising Committee & Reviewer — ICEEI 2025
- Reviewer — IEEE Transactions on Affective Computing (2025); IEEE ICCSCE 2026
- Referee — Elsevier, IEEE and other reputable journals
- Academic Collaboration Advisor — JAIST (2024–2026)
- Invited Speaker & Trainer — 40+ talks and workshops on AI, entertainment science, gamification & scientific publishing

14 References

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