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How to make AI in education work for the good

Online Training Series for Educators and Parents
November – December 2024

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How to make AI in education work for the good

In an era where Artificial Intelligence (AI) is reshaping our world, understanding its implications is more crucial than ever for both educators and parents. Our comprehensive training programme offers an engaging exploration of AI, equipping attendees with the knowledge and skills to harness its potential while navigating the ethical challenges it presents. With a strong emphasis on practical application of AI, this training is designed to empower participants to implement AI concepts and use AI tools in real-world educational settings while maintaining an open yet critical mindset.

Join us for this enriching training experience with experts from across the globe! Together, we will cultivate a generation of critical thinkers ready to engage technology responsibly and creatively.

Register today and be part of the conversation shaping the future of education!

CLICK HERE TO REGISTER

This training is part of our **Global Kids' Cyber Resilience Project**. Find out more by visiting academy.kaspersky.com.

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PROGRAMME	
November 16 Saturday 16:00 GMT+8	Session 1 – A **Introduction to AI and Its Basics: *What is AI?*** Session 1 – B **Ethical AI Practices in Education: Understanding Ethical and Privacy Implications** Speaker: **Pinnaree (Pin Pin) Tea-makorn, PhD** Lecturer and AI Strategist at Sasin School of Management Duration: 30-45 minutes (including Q&A)
November 21 Thursday 20:00 GMT+8	Session 2 **GenAI in Every Day Learning** Speaker: **Andrew Swindell, PhD** Instructor – Asian University for Women; University of California, Los Angeles Duration: 30-45 minutes (including Q&A)
November 30 Saturday 16:00 GMT+8	Session 3 **Confused or Convinced? Unmasking AI-Enabled Deepfakes and Misinformation** Speakers: **Dmitry Anikin** Data Science Team Lead, Machine Learning Technology Research, Kaspersky **Jag Sharma** Head of Social Media for APAC, Kaspersky Duration: 70 minutes (including Q&A)
December 7 Saturday 16:00 GMT+8	Session 4 **Crafting Intelligent Prompts: How to Think and Talk Smart with GenAI Chatbots** Speaker: **Emmanuel Lusinchi**, Co-founder of AI Literacy and Transformation Institute and Centre for AI Leadership Duration: 60 minutes (lecture and hands-on activities) + 15 minutes (Q&A)

MEET THE EXPERTS

Pinnaree Tea-makorn, PhD

Dr. Pinnaree Tea-makorn is lecturer and AI Strategist at Sasin School of Management. She is also the Artificial Intelligence Venture Partner at Vectors Capital, an early-stage climate tech venture capital in the San Francisco Bay Area. Prior to joining Sasin, Dr. Pinnaree interned in and provided technical consulting to startups in Silicon Valley and SEA, such as Qualcomm, Urban Engines, Ajaib, Edsy, etc. She is also the Research Director of Inter Data Recovery Co., Ltd. She received her Ph.D., M.S., and B.S. in electrical engineering from Stanford University. She was also awarded the King's Scholarship and gold medal from the International Chemistry Olympiad.

Andrew Swindell, PhD

Dr. Andrew Swindell has over 15 years of experience in international development, education, and research, and is passionate about advancing inclusive and quality education for all learners. He holds a PhD in Social Science and Comparative Education from UCLA and has worked in both online and in-person settings across the USA, Bangladesh, Liberia, Thailand, and Myanmar, specializing in emergency and forced migration contexts. He currently serves as a Monitoring, Evaluation, Research, and Learning (MERL) consultant with education NGOs based in Thailand where he investigates multilingual education for migrant and ethnic-minority students. He has also worked as a K-12 teacher and his other research interests include online and digital learning, AI, and global citizenship.

Dmitry Anikin

Dmitry Anikin began his career at Kaspersky in 2019 as an intern through the Kaspersky's Safeboard internship program. Over the next five years, he advanced to the position of Data Science Team Lead. Dmitry's journey at Kaspersky has been marked by significant contributions to the development of Machine Learning (ML) technologies, the optimization of internal business processes, and the creation of tools that support analysts in Kaspersky's MDR service.
Dmitry is an expert with a profound understanding of various AI-enabled threats and a strong interest in the topic of DeepFakes, spreading awareness on the issue through various channels, including publishing his research on [Securelist.com] ("https://securelist.com/") and presenting at industry conferences.

Jag Sharma

Jag Sharma has spent the last 12 years creating, developing and executing digital & social media strategy for a number of global brands in a variety of industries, including Automotive, Banking, CPG/FMCG, and Cybersecurity. For the past 3 years Jag has been leading social media in Asia-Pacific at Kaspersky, overviewing the operations, managing the local team, and feeding in to the global strategy.

Emmanuel Lusinchi

Emmanuel Lusinchi is a seasoned Technical Leader with over 20 years of experience in AI, AR/VR, Gaming and technology innovation. As the Director and Co-Founder of Gen AI Tooling & Literacy start-ups in Singapore, he specialises in guiding educators and organisations through the complexities of AI adoption. He is passionate about demystifying AI, training teachers and creators across Asia Pacific to effectively leverage AI technologies in educational settings.

WHAT TO EXPECT

Session 1

A. Introduction to AI and Its Basics: What is AI?

Artificial Intelligence (AI) refers to the simulation of human thinking, capability, and behaviour in machines. These tasks include recognising speech and images, solving problems, learning from experience, and making decisions. AI can range from simple systems that automate repetitive tasks to advanced applications like natural language processing and image recognition. This overview will introduce the foundational concepts of AI, including machine learning, where systems improve their performance by learning from data, and data science, which provides the analytical methods and tools needed to extract knowledge and insights from data. AI is rapidly transforming industries and our daily lives, and in this session, we will explore the basics of AI, how it works, and its potential applications in the modern world.

B. Ethical AI Practices in Education: Understanding Ethical and Privacy Implications

As AI becomes more integrated into education, it's crucial to address the ethical challenges and privacy concerns it raises. Ethical AI practices ensure that technology is used responsibly, protecting students' privacy while promoting fairness and transparency. AI systems in education often process sensitive data, which can introduce risks such as data misuse or biased decision-making. Without careful attention, these systems can inadvertently reinforce inequalities or violate privacy rights. This session will explore the ethical implications of AI in education, offering guidelines for adopting AI tools while respecting student privacy and fostering a fair learning environment. We will also discuss how educators can balance innovation with responsibility in today's AI-driven world.

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Session 2

AI in Every Day Learning

As AI becomes more integrated into our daily lives, it is important for adults to learn how to help children understand and navigate AI technologies responsibly. This session will go beyond just teaching students how to use AI, but also to critically analyse AI-generated content from an ethical standpoint. This aligns with digital literacy, where students learn how to ask critical questions and discuss ethical questions, including AI's implications in their lives.

We will take a practical approach to guide you when using AI to enrich your students' learning experience and outcomes. We will also share a framework for critical pedagogy, which is essential to address complexities of the digital age.

Session 3

Confused or Convinced? Unmasking AI-Enabled Deepfakes and Misinformation

In the past couple of years, AI technology has started to cross a critical threshold with increasing capability to make people look and sound like other people. A "deepfake" is a fabricated yet realistic digital media, including video, image, and audio content. Not only has this technology created confusion, suspicion, and the spread of misinformation, deepfakes also pose a threat to security and privacy. With the growing ability and ease to convincingly impersonate anyone, cybercriminals can potentially orchestrate phishing scams or identity theft operations through the use of this fast-emerging technology.

Several practical approaches for this session:

- We are going to talk about video and audio deepfakes. What is the technology behind them and why is it so important to understand the neutral nature of deepfake technology? (Its impact depends on how it is used, and there are both good and bad examples.)
- We will analyse several deepfakes and highlight key identification markers (e.g., unnaturally smooth skin, strange eye movements).
- We will discuss why these markers do not work in all cases.
- We will share some watch-outs and tips on how to better identify deepfakes and countering misinformation to help you and your family.

Session 4

Crafting Intelligent Prompts: How to Think and Talk Smart with GenAI Chatbots

In the ever-evolving world of Generative AI, the way we interact with chatbots is crucial—especially in educational settings. While prompt engineering techniques continue to change with each new model, the fundamental skill lies in understanding the limitations of these AI tools through thoughtful back-and-forth dialogue. In *"Crafting Intelligent Prompts: How to Think and Talk Smart with GenAI Chatbots,"* our guest expert will delve into strategies for identifying and addressing the weak points of AI models to maximize their utility. This session will provide educators with practical insights and hands-on activities to effectively engage with AI chatbots, enabling them to enhance their teaching methods and better prepare students for a future intertwined with AI technology.

For enquiries, contact:

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