



## Al & Talent: Smarter Hiring, Stronger Teams

Sian Joel-Edgar | Associate Professor, Northeastern University London

11:00, Wednesday, 12 March 2025













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## A Word From Our Chairman



Mike Wardle
Chief Executive Officer
Z/Yen Group



## Today's Agenda

• 11:00 - 11:05 Chairman's Introduction

• 11:05 - 11:25 Keynote Presentation - Sian Joel-Edgar

11:25 - 11:45 Question & Answer



## Today's Speaker



Sian Joel-Edgar
Associate Professor
Northeastern University London



# AI & Talent: Smarter Hiring, Stronger Teams

-Northeastern University, London

Sian Joel-Edgar Associate Professor in Human Centred Computing Director of Postgraduate Taught

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#### Agenda

- What are we working with
- Al arms race
- Workforce Planning and Talent Acquisition
- Performance Management, Learning and Team Development
- Career Planning and Support
- Changing, Off-boarding and Exit management
- Key takeaways from my previous research



#### What is Artificial Intelligence (AI)

- Artificial Intelligence (AI) is the Simulation of Human Intelligence
- Al is Based on Algorithms and Data Processing
- Al Can Be Categorized into Different Types
- Al Includes Various Technologies and Techniques
- Al Continuously Learns and Improves

## How is it being used in Talent Management (Human Resource Management)

According to the International Data Corporation's Future of Work research, <u>80% of global 2000 companies</u> will use algorithmic managers for hiring, firing, and training workers by 2024 (AIHR, 2025)

#### Al Arms Race

- Competition for Al-Driven Talent Acquisition and Management
- Ethical and Regulatory Challenges in Al-Powered HR
- AI-Optimised CV and Applications
- Al-Powered Job Search and Interview Preparation



#### Workforce Planning & Talent Acquisition

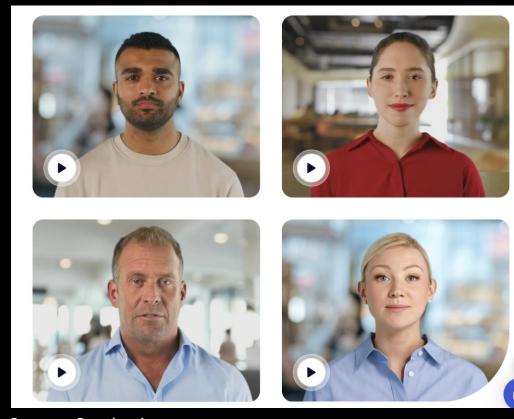


Source: SORA

- Predictive Analytics for Workforce Planning
- AI-Powered Candidate Sourcing & Screening
- Bias & Diversity

#### Performance Management, Learning and Team Development





Source: Synthesia

#### Career Planning and Support

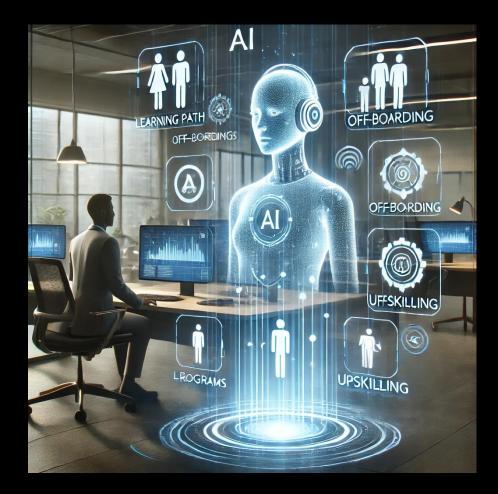


- Personalised Career Path Recommendations
- Al-Assisted Meditation and Mental Health Support
- Al-Powered Chatbots for Mental Health

Source: SORA

#### Changing, Off-boarding and Exit Management

- Al-Driven Sentiment Analysis
- Automated Off-boarding & Compliance Management
- Workforce Changes and the Future of Work



Source: SORA



#### Summary

- Al in HRM Requires More Than Just Technical Resources
- Al Enhances HRM Processes but Faces Adoption Barriers
- Al-Human Collaboration (Collective Intelligence) is Essential
- Need for AI Skills Development and Ethical AI Practices.

Chowdhury, S., Dey, P., Joel-Edgar, S., Bhattacharya, S., Rodriguez-Espindola, O., Abadie, A. and Truong, L., 2023. Unlocking the value of artificial intelligence in human resource management through Al capability framework. *Human resource management review*, 33(1), p.100899.

Chowdhury, S., Budhwar, P., Dey, P.K., Joel-Edgar, S. and Abadie, A., 2022. Al-employee collaboration and business performance: Integrating knowledge-based view, socio-technical systems and organisational socialisation framework. *Journal of Business Research*, 144, pp.31-49.





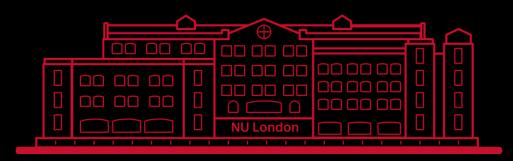








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## Thank you & Questions

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### Comments, Questions & Answers















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## Forthcoming Events

- Wednesday, 12 March 2025 (13:00 15:00 GMT) PISCES Regional Conference - Manchester
- Thursday, 20 March 2025 (09:00 09:45 GMT)Launch Of Global Financial Centres Index 37
- Friday, 28 March 2025 (08:30 14:30 GMT) Jersey Employee
   Share Plans & Trustees Conference 2025

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