

Prof. Iain Rice

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Data-Driven AI Leader and Professor of Industrial AI with the skillset broad enough to transform your organisation. A strong track record of management in a diverse university teaching & research faculty. Experience delivering bespoke AI solutions to startups in Education, Health (The RAPID Project), Travel and Fintech domains. Managed integration of GenAI systems to organisations in Marketing, Cybersecurity and Architecture. Research background encompassing GenAI and Software development in a range of business, engineering and healthcare settings. Confident in the application of AI governance frameworks, ethics principles concerning GDPR and data security. Astute in identifying strategic directions and growth opportunities. Interested in strategic and executive-level AI leadership roles.

Key Skills:

- **Strategic Thinking** Forward planning influencer and implementer of management strategies. Able to horizon scan and translate objectives to tangible project outcomes and actions. Accomplished transformation leader and able to conceptualise and enact AI strategy.
- **Project Management** Responsibility for managing multi-million pound budgets at project, team, and department-level. Successful delivery of research, strategic and operational change projects.
- **Innovation** Value-oriented with a proven track record of delivering outcomes and stakeholder satisfaction in time-constrained, applied domains including finance and healthcare. Familiar with business process automation and optimisation procedures.
- **Communication** Adept in distilling challenging concepts, theory and practical skills to audiences at all organisational stages. Delivering to internal and external partners through a range of mediums including data storytelling and dashboarding.
- **Talent Development** Identifying individuals from diverse backgrounds with potential to excel. Implementing targeted training plans, mentoring, PDPs and needs analyses ensuring potentials are met. Decade of experience in teaching complex principles to various audiences.

Technical Proficiencies:

- **AI** novel GenAI / Deep Learning and traditional architectures and implementation
- **Programming** educational and implementation background in Python
- **Databases** experienced with SQL and NoSQL systems and data management
- **Dashboarding** proficient in Plotly & Dash systems, capable user of PowerBI and Tableau
- **Cloud** exposure to common cloud platforms and popular GenAI solutions
- **AI Governance & Ethics** experienced with governance frameworks, responsible AI principles, data protection and compliance in regulated sectors (finance, education)

AI Consultancy

Having ran an AI consultancy business for over 10 years, I have worked with multiple different organisations, across a wide range of industries, including:

- **Rural Ibiza** Startup Tech advisor and interim CTO developing AI strategy and delivering booking platform
- **Figg Wealth** Startup AI advisor developing strategies for maximising data value and predictive analytics
- **Oxford Partnership** delivering dashboards, database analysis and GenAI tools
- **METCloud** Leading GenAI customer support solution delivering operational efficiencies
- **Limegreen** Managing data curation and creating a knowledge base using agentic tools
- **BeeSwift** Developing multi-agent solutions for process automation and updating legacy software

Employment History:

Birmingham City University, Birmingham, UK

Dec 19 – Current

Final Position - Professor of Industrial AI, Academic Lead for Teaching and Learning

Responsibilities - MSc AI, Knowledge Transfer, CPDs, Industry Liaison, NSS Strategy, L&T, Projects PI/Co-I

- Created AI backbone of the EvolutAI Change Management platform. Supervised research projects in financial market prediction & HealthTech projects for prediction and anomaly detection in surgical, public health and ward-based environments.
- Developed 60 external consultancy projects and regulatory reports by directing students at MSc- and BSc-level. Supported staff in creating novel CPD and statutory qualifications and memberships.
- Attracting funding of £6.2m and managing projects up to £2.7m in value
- Leading diverse team of over 100 academic staff and 3,000 students
- Implemented learner analytics processes to improve student outcomes and pass rates by 13% YoY.

Arden University, Coventry, UK

Sep 17 – Dec 19

Final Position - Head of School Computing & IT

Responsibilities - Teaching Department, Portfolio, Apprenticeship Compliance, Progression, Analytics

- Lead department with £4m budget line and 40 members of staff internationally. Grew Data MSc offerings to net £1m annually within 2 years.
- Initiated and managed the apprenticeship offerings in technology and management disciplines with over 50 learners from over 20 organisations. Responsible for regulatory compliance and reporting.
- Core member of Senior Leadership Team and Senior Academic Team defining and delivering on strategic initiatives to improve student numbers, outcomes, and brand value.

Aston University, Birmingham, UK

Jul 15 – Sep 17

Final Position - Postdoctoral Research Associate

Responsibilities - Algorithm Development, Teaching, Project Partner Liaison, Media Lead

- As primary data scientist developed novel AI systems to predict cardiac arrest (12 hours advanced warning obtained) & whole-ward visual analytics mapping patient deterioration
- Delivered algorithms with statistical framework for anomaly detection implemented live in Birmingham Children's Hospital
- Contributed to public-facing media participation (interviewed for Operation Ouch) and patent application for Smart Alarm System.

Academic History:

Aston University, Birmingham, UK

Jul 12 – Jun 15

PhD Applied Mathematics

- Thesis titled 'Topographic Information Visualisation' working with Thales UK in SONAR domain with AI-enabled Smart Alarms and Visual Informatics to identify undersea targets.
- Communicated outputs to high-ranking military personnel at international conference.
- Developed novel Deep Learning AI Architecture resistant to issues plaguing current AI models.

RSM Tenon Ltd, London, UK

Jul 10 – Jul 11

Outsourcing Accounts Assistant

- Placement involving creation and communication of management and regulatory accounts for over 25 different organisations. Familiarity with financial reports and budgeting models.

Aston University, Birmingham, UK

Oct 08 – Jun 12

BSc Business and Mathematics (Hons)

External Examiner University of Chichester & HFarm

Jan 24 – Current

AI Consultant

Jun 15 – Current