

Leadership in AI and AI Ethics

World class curriculum for
extraordinary leadership of ethical-
centric Human-Machine Futures

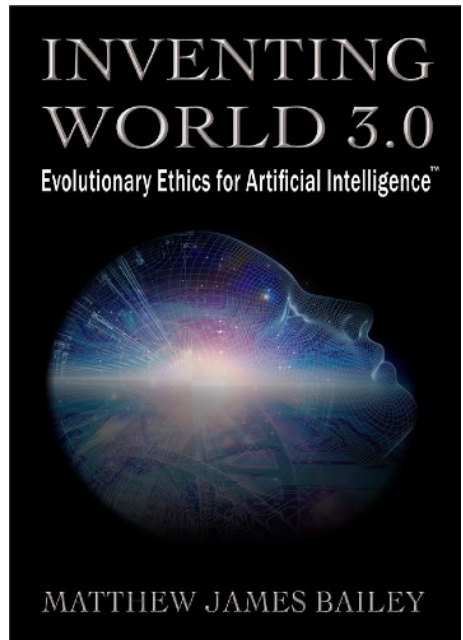


Presented by Matthew James Bailey

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Educating the Leaders of a New Tomorrow

Our world is about to become unrecognisable from what our ancestors experienced. Humankind is about “to go where no person has gone before” as it enters into a new reality with Artificial Intelligence (AI). Humanity's partnership with artificial intelligence has the potential to change every aspect of society and culture, every market and economy. It is estimated that AI will add \$15 Trillion USD to the global GDP by 2030. It is being boldly termed as *The New Electricity*.

For any nation or organisation to successfully enter into winning futures with this digital partner, a new *best of breed* leadership is needed. Furthermore, a new mindset needs to be empowered to successfully navigate the unprecedented

age of humans and machines - AI and AI Ethics. As such, this world class course teaches and equips leaders to become accredited captains of society and industry within the thrilling *Age of AI*.

This course is ideal for the following leaders:-

- National and local government
- CXOs and management within Industry
- Advanced Students and Entrepreneurs
- Public Sectors and NGOs
- Policy and law makers

By the end of this comprehensive and interactive course, participants will be confident and equipped to lead their society or organisation into the Age of AI. You do not need to be an AI expert to participate. Furthermore, participants will have a fully developed leadership plan to serve their territory or organisation as certified leaders of **Ethical Human AI Futures and Inventors of World 3.0**.

This course is ideally suited for Universities, Government and Business and Online education programs. To find out more, please check out <https://aiethics.world>. To licence this curriculum or join a cohort, please contact us at info@aiethics.world

“You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete.”

Buckminster Fuller



Curriculum Overview

Participants will be taught by, and interact with a globally respected, seasoned educator and teacher. Matthew James Bailey has been a guest lecturer at Cambridge University; a Visiting Scholar to academia and corporations teaching about Leadership in the Age of AI. He is a popular keynote speaker. See biography below.

Matthew has experience working alongside some of the most influential nations and technology corporations of our time. He has also worked at a local level with regions and cities, entrepreneurs and startups, economic development agencies, Industry and the private and public sectors. As such, the

language, experience and mindset of any participant can be understood and meaningfully engaged with.

This unique curriculum has been carefully curated based on many successful years of internationally recognised, pioneering global leadership and impact.

This course has been carefully designed to be both pragmatic and practical to expedite impeccable leadership capability. The course also assists participants to develop an empowered mindset to lead their organisation or society into the futures of humans and machines.

The curriculum draws from the latest and best in class sources and knowledge in AI and AI Ethics. It explains the latest technologies, their application and impact, together with working examples in the field of AI and AI Ethics. Participants will be able to apply this knowledge to successfully create winning human-machine futures - either for their organisation or within society.

The course is interactive and includes guest speakers who are AI leaders in Industry, Government and Academia.

Finally, participants benefit as follows:-

- Informed and empowered leadership in the Age of AI
- Best in breed AI and AI Ethics strategies, frameworks, technologies, applications and services for the Age of AI
- A leadership plan on how to successfully enter into winning ethical-centric human-machine futures.
- Coaching, Interactive Discussions, Guest Speakers



Curriculum Sample Summary

Below is a sample of the Syllabus.

MODULE 1

General Introduction

Weeks 1 and 2

- Part 1 - The story of Artificial Intelligence - its invention - landscape of today - looking into the future. *From the*

Silicon to the Quantum; From the Edge to the Cloud; From the Individual to the Civilisation.

- 🌀 Part 2 - Modern AI technologies, use cases and applications from industry and society.

Interactive Teaching - 2 * 1.5 hour classes

Live Discussion - 1 hour (with guest)

Homework - 1 hour

Total 5 hours.

MODULE 2

Leadership in AI Ethics

Weeks 3 and 4

- 🌀 Part 1 - History and philosophy of ethics and cultures.
Fined tuned for the territories of each cohort
- 🌀 Part 2 - Evolutionary Ethics for AI - the application of culture and ethics within human-machine futures

Interactive Teaching - 2 * 1.5 hour classes

Live Discussion - 2 * 1 hour (with guest)

Homework - 2 hours

Total 7 hours.

MODULE 3

Global Discovery

Weeks 5 and 6

- 🌀 Part 1 - Civilisation and national strategies for AI and AI Ethics.
- 🌀 Part 2 - Industry strategies for AI and AI Ethics.

Interactive Teaching - 2 * 1.5 hour classes

Live Discussion - 2 * 1 hour (with guest)

Homework - 2 hours

Duration: Two Weeks. Total 7 hours.

MODULE 4

Empowered Leadership in the Age of AI

Weeks 7 and 8

- 🌀 Part 1 - Cultivating an empowered mindset - *state of the art methodologies*
- 🌀 Part 2 - Developing your vision and personal leadership plan

Interactive Teaching - 2 * 1.5 hour classes

Live Discussion - 1 hour (with guest)

Homework - 2 hours

Total 7 hours.

The syllabus now splits into two parts, one for industry the other for government. Whilst the subject titles are similar, the content is different!

MODULE 5A - FOR INDUSTRY LEADERS

Developing a comprehensive organisational approach for AI and AI Ethics - *The Ethical Machine at Scale*

Weeks 9 through 15

- 🌀 Part 1 - Creating an AI and AI Ethics foundation for your organisation
- 🌀 Part 2 - Nourishing the Quality of AI - Responsible AI, Trustworthy AI, Ethical AI - choosing the right approach for your industry
- 🌀 Part 3 - AI Best Practices, Governance, Policy and Life cycle management - choosing winning industry strategies
- 🌀 Part 4 - Developing winning cultures and structures for your organisation to thrive within AI and AI Ethics futures
- 🌀 Part 5 - Digital Transformation Strategies - From Use Case to Incubation to Large Scale Deployment
- 🌀 Part 6 - Managing the Quality of your AI and AI Ethics - creating your organisational Ethical AI Certification and Maturity Model, Clearing Houses, Maintaining Quality
- 🌀 Part 7 - Developing a organisational leadership plan and starting the ethical AI journey for your organisation

Interactive Teaching - 7 * 1.5 hour classes

Live Coaching - 7 * 1 hour

Homework - 7 hours

Total 24.5 hours.

MODULE 5B - FOR GOVERNMENT LEADERS

Developing a comprehensive territorial approach for AI and AI Ethics - *The Ethical Machine at Scale*

Weeks 9 through 15

- 🌀 Part 1 - Creating the right AI and AI Ethics foundation for your territory, societies and citizens
- 🌀 Part 2 - Developing a territorial strategy, innovation frameworks and ecosystems, partner and workforce capabilities to catapult the creation, supply and continual progression of AI and AI Ethics futures
- 🌀 Part 3 - AI Governance, Policy and Legislation to drive winning civilisation strategies
- 🌀 Part 4 - Territorial Digital Transformation Strategies - From Use Case to Incubation to Large Scale Deployment
- 🌀 Part 5 - Defining the Quality of your AI and AI Ethics within society - creating your Ethical AI Certification and Maturity Model, Clearing Houses, Maintaining Quality
- 🌀 Part 6 - Nourishing the Quality of AI - Responsible AI, Trustworthy AI, Ethical AI - choosing the right approach for your society
- 🌀 Part 7 - Developing a territorial leadership plan and starting the ethical AI journey for your civilisation.

Interactive Teaching - 7 * 1.5 hour classes

Live Coaching - 7 * 1 hour
Homework - 7 hours
Total 24.5 hours.

MODULE 6 - PRESENTATION AND GRADUATION

Weeks 16 and 17

- 🌀 Presentations on leadership plan for AI and AI Ethics.
- 🌀 Graduation ceremony and Certification award.

Participation - 2 * 1.5 hours
Homework - None
Total 3 hours.

- 🌀 Guest interviews from leaders in AI and AI Ethics.
- 🌀 Interactive. Q&A. Live debates. Coaching

Total Course Duration: 17 weeks

Total Course Hours: 53.5 hours

For more information please contact Matthew at matthew@matthewjamesbailey.com or visit <https://aiethics.world>

Meet Matthew James Bailey



Matthew James Bailey is an internationally recognised pioneer and authority in the global phenomena of Innovation, Global AI Ethics, Artificial Intelligence, Smart Cities, The Internet of Things and Large Scale Transformation. His life and career have been dedicated to liberating flourishing futures for humankind through partnership with the digital world. His extraordinary leadership is widely acknowledged throughout governments and the private sector. He is a sought-after advisor and keynote speaker. Bailey has been privileged to meet famous global leaders such as Steve Wozniak, innovation and technology; Sir David Attenborough, the environment; Professor Stephen Hawking, theoretical physicist and cosmologist; in addition to prime ministers, ministers, under secretaries of G7 Countries, and many more. Matthew has

been invited to meet with **The Digital Elders** - global leaders in artificial intelligence and innovation - to discuss the future of AI and Humankind.

Bailey has been classified by the US government as “**A Person of Extraordinary Ability**” (self-sponsored) for his global and influential work in the Internet of Things (IoT) and innovation. This elite and prestigious recognition is only awarded to those who have attained an exceptional level of achievement in their field of expertise i.e. **one of that small percentage who have risen to the very top of the field of endeavour**. He has also been a World Technology Network award nominee. Previous winners have included well known visionaries such as Elon Musk (Tesla, SpaceX), Sir Tim Berners Lee (inventor of the World Wide Web), James Collier (founder of Cambridge Silicon Radio) and former US Vice President Al Gore. In September 2021, Matthew was recognised in a **Who's Who in Artificial Intelligence**.

Bailey operates at the intersection of innovation and leading edge technologies to enable positive economic, social, and environmental change. His vision for society, guiding innovation, and technologies that advance humanity into its future (what he terms World 3.0) has inspired governments, business and citizens. He has participated in discussions with the **United States’ government**, private roundtable with the **National Security Commission on Artificial Intelligence** and the **Quad Countries**, as well as with the Prime Minister of the **United Kingdom** on domestic and global strategies to position their nation as a prominent leader in the fields of innovation, Artificial Intelligence, the Internet of Things and Smart Cities.

Bailey's commitment to working for the advancement of global society has influenced organisations and territories in their partnership with the digital world. He has worked with Fortune 500 companies in computing and telecoms. He has advised national and regional governments, worked with economic development agencies, and contributed in the success of global wireless and edge computing standards bodies. International and national investors have sought his advice as have entrepreneurs and startups in a number of countries. With a passion for education, he has guided international educational organisations and been a guest lecturer at **Cambridge University**, is a Special Advisor and **Visiting Scholar** to Pakistan's University of Management and Technology, invited as **Visiting Faculty** for **2030 Leaders** (Saudi Arabia) and a **Visiting Scholar** at a business and technology university in Costa Rica.

With an ambition to advance regional transformation, contributed to the progression of the Province of Alberta, Canada, as a board member of the Alberta Research and Innovation Authority. He catalysed transformation for the state of Colorado as a co-founder of the Colorado Smart Cities Alliance, the first state-wide alliance in the United States, and a Smart City Innovation Centre dedicated to serve state-wide transformation. In 2016, he wrote a Whitepaper outlining innovation and technology cluster principles. This paper, titled "**How to Build Smart Cities Mindfully**", has set the standard for Smart Cities around the world. He recently co-authored a whitepaper titled "**Artificial Intelligence with Cities - the next stage of societal digital transformation**" an EU/US collaboration with the FIWARE Foundation.

Originally from England, Matthew James Bailey currently lives in the United States where he enjoys writing and consulting globally with clients in the public and private sectors. Following publication of his book - [Inventing World 3.0](#) - he founded [AIEthics.World](#).

Matthew is co-chair of an Artificial Intelligence-Smart City-Super Computing Cluster that is part of the Global City Teams Challenge (GCTC), Member of the Board of Directors for the [Open Civic Foundation](#) - a Smart Region global standard initiative partnering with the [OMG](#), GCTC, [NIST/NTIA](#). He is the Global Ambassador of an Artificial Intelligence Innovation District for a Medical Technology City in Mwalie, Kenya; serves on the board of a European Artificial Intelligence startup - [Smarter.AI](#). He recently completed an interim role as Executive Advisor for a [US company](#) provisioning Supercomputing and Trusted Data Infrastructure to enable Artificial Intelligence to serve Society, Cities and Space and served on the **national steering committee** for The Global Cities Team Challenge (NIST/NTIA); In recent weeks, he has been invited to the advisory board for Smart Cities Miami Expo and as a Research Associate for the [Cambridge Learning Gateway](#). Matthew is a regular blogger and columnist.

Bailey is known as an energetic and inspiring communicator. He is regularly featured as a keynote speaker around the world at both public and private events. He has shared his ideas in radio interviews, through the press, in podcasts and on online media. The largest audience has been 3 million people on a BBC radio program.