Adam Pantanowitz

Keynote Speaker & Innovation Expert

911+ talks across 38 unique destinations

About Adam

Adam is a biomedical and electrical engineer who leverages technology for innovation. His use of AI, robotics, and software have resulted in a series of impact projects. He is passionate about the use of technology for upliftment. In his own life, technology has helped him navigate personal setbacks.

As an Expert at Singularity, Adam has given hundreds of talks in over 38 unique destinations to tens of thousands of people at events, in schools, in universities, and in companies. His talks uplift and inspire the use of technology to create transformative change. He delivers motivational talks, talks on the future of technology, talks on AI in healthcare, and the merging of humans and machines on various levels.

Adam cofounded and angel invested in a number of businesses in which he plays leadership roles. These include AURA, think3dots, Resolute Education, shift.stream, and others. He was formerly in fintech as the CTO at VAT IT and consulted to some of the largest banks on the African continent.

Adam is a strategic advisor to Wits University where he held the Chair in Innovation, and formerly directed the Wits Innovation Centre. Prior to that, he researched and lectured in Engineering & Medicine since 2009. His innovations have resulted in 4 patents, 28 academic papers, and he initiated the media-interest piece "Brainternet", with a world-first brain-internet livestream. Other collaborative projects include an eye-controlled wheel chair, a non-cognitive brain transmission channel using light, a thought-controlled robotic arm with an light-invoked on/off switch, a hands-free controlled surgery interaction system, a CPR monitoring system, a computer-based sign language interpreter, and an eye-controlled cursor using the vestibulo-ocular reflex.

Adam holds three engineering degrees (with distinction) and a PhD in AI Healthcare Innovation. He is chartered globally as an engineer (EUR ING, Pr Eng, CEng, IntPE) and is a Fellow of the IET and a Senior Member of the IEEE and of the SAIEE.

Get In Touch

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Impact & Reach

911+
Speaking Engagements

38
Unique Destinations

70,500+
Total Audience Reached

Featured Talk

Wield Modern Magic

(Summit closer)

Wield Modern Magic is a keynote that looks at the power of technology we all have access to. It's about frugal innovation, and the ability to make change with the tools we have. We have powerful tools, unlike any generation before us. We have the ability to use these tools to make change, and we underestimate how powerful we are. This keynote will show examples of real innovation, and the obstacles to it. It will not guide audiences in an approach to making innovation happen under constraints, but also instil them with the sense that they have the power to create meaningful change.

Featured Talk

Step Change

(Summit closer)

In this motivational keynote, the audience will hear about Adam's personal journey from "paralysis" to "analysis" and how technology played a crucial role in his transformation and ultimately his work. His experience of struggling with a medical condition and missing out on an education resonates with many people, as we all endure struggles. In particular, this led to his creativity in approaching his tertiary education. This created his "Step Change" as he overcame his own disability to go on to work on innovations to help the disabled. Adam's story highlights the power of technology to transform lives and overcome obstacles. The keynote will inspire the audience by demonstrating how a positive attitude and a willingness to learn can lead to success, regardless of past setbacks. This is a story about all humans, and we look at examples of remarkable people who have overcome adversity to triumph. The audience can expect a highly engaging session that uses multimedia elements to bring Adam's story to life. Through the use of storytelling, humour, and interactive media, the audience will be taken on a journey of self-discovery and empowerment. They will learn about the potential of technology to enable personal growth and to overcome adversity. This keynote is ideal for individuals who are looking for inspiration and motivation to overcome obstacles in their personal or professional lives. It is perfect for anyone who wants to learn how to embrace a positive attitude and leverage technology to transform their life. The session will empower the audience to take control of their lives and create their own "step change.

Featured Talk

The AI Zeitgeist

The Human AI conversation, and how we might use our greatest gift

The latest information about the state of AI in society, drawing on the current Zeitgeist around AI. We draw on stories from mythology to frame the use of AI technology and how we might leverage it. We surf the social graph and human adoption of AI to understand its impact, and how we're in this intricate, inextricably linked dance with AI. We look at the pitfalls of some of our current approaches, and the ethical conundrums of AI. We consider the fundamental role, and difference, in being human as we begin to navigate a new world where we are no longer the most intelligent lifeform. The talk focuses the mind on the importance of the correct uses of AI for business and for society.

Featured Talk

A[I] Healthcare Revolution

Healthcare and AI

AI is disrupting and enhancing all industries, and notably for all human beings, healthcare is advancing at a rapid pace. Participants will gain a comprehensive understanding of the AI healthcare revolution and its potential impact on the future of healthcare professionals. The use of AI in healthcare has the potential to greatly improve patient outcomes and streamline processes, but it is important for healthcare professionals to understand the implications of this rapidly evolving field. Participants will learn about the latest developments in AI healthcare used in Adam's research, and how they are shaping the future of the medical industry. Data augmentation and generation is a major focus and these topics have great applicability in industries other than healthcare. Throughout the session, participants will engage in discussions and explore case studies to gain a deeper understanding of the implications of AI in healthcare. They will learn about the benefits and challenges of incorporating AI in the medical field and how healthcare professionals can prepare for this change. This session is ideal for healthcare professionals looking to stay ahead of the curve and understand the impact of AI on their future careers. Professionals who are not in healthcare may also be fascinated and engaged by the relatable examples. By the end of the session, participants will have a comprehensive understanding of the AI healthcare revolution and its potential implications for their health and for their careers.

Featured Talk

Hacking Humans

Technology and Humanity

In this session, we look at the connection between technology and humanity, exploring how they are becoming increasingly intertwined. The integration of technology into our daily lives has dramatically changed the way we interact with the world and with each other. Understanding the interplay between technology and humanity is important for managing the potential consequences of this integration. Through this session, participants will gain insight into the implications of these developments and the research that has informed our understanding of this relationship. Participants will join Adam on a journey through his research work, exploring the ways in which technology is impacting humanity. They will engage in a thought-provoking and insightful discussion, exploring the benefits and challenges of this integration and the implications for the future. This session is ideal for those with an interest in the relationship between technology and humanity. It is suitable for professionals, academics, and anyone looking to gain a deeper understanding of the interplay between these two areas. Participants will leave the session with a new perspective on the connection between technology and humanity and the impact this has on our lives.

What People Say

"I never got the opportunity to thank you on one of the most amazing thought leadership events I have never attended. As one of the clients mentioned 2019 was incredible but this was next level Adam. Your content was incredible and watching our clients I could see that they were blown away and truly engaged."

— Natasha Proksch, Brand Manager, Investec Bank

"My Monday has started with the most profound keynote delivery I have ever experienced. Thank you @AdamPantanowitz for your incredibly authentic, vulnerable and beautiful presentation.#Inspired #GrowingGreatness"

— Pepe Marais, Founder of Joe Public

"Your authenticity, vulnerability and honesty resonated with the team. You obviously are a firm believer in the power of personal story. You had close to 150 people riveted. Thank you again, phenomenal engagement."

— Cheryl Naidoo, MTN Group COO's office

"This was a very personal and moving session, Adam."

— Jens Schulte-Bockum, MTN Group COO

Stage Requirements

Technical Requirements

Please consider these stage requests and accommodate these if possible. Please would you kindly share this with the organising team/AV team. If it can't be fully accommodated, that is ok, but I will need to plugin my laptop unless there is an Apple Mac with iA Presenter installed.

Stage Rider: Please consider the following in advance which will help in presenting. Adam kindly requests:

• A Countryman face-mounted mobile microphone ideally, or a lapel roaming microphone if a Countryman is not available

• For no podium on stage or just to accommodate him with space to stand in front of the audience (not behind the podium)

• The ability to plugin in his own laptop (he uses iA Presenter and will present from this)

• Audio to play through the system from his laptop

• Some water on to take with or placed on the stage (ideally cool water if at all possible)

• Adam has a clicker but if the laptop must be at the back of the theatre or auditorium he may require a longer range clicker

• Speaker notes to appear on the comfort monitor if at all possible (not a hard requirement)

Speaker Introduction

Dr Adam Pantanowitz is a globally chartered biomedical and electrical engineer, who loves using technology like software, robotics, and AI for impact in biohacking, healthcare, education, safety, and other fields. He has multiple scientific publications, is a seasoned entrepreneur having co-founded a number of businesses, an expert at Singularity University, and is a strategic advisor in Innovation at Wits University in Johannesburg.

Contact Information

Bookings

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