MICHAEL HOUSMAN

Dr. Michael Housman is a seasoned technologist and data scientist specializing in the integration of artificial intelligence and human psychology. Over the course of his career, he has held a variety of C-suite roles and led technology divisions at various early-stage companies, hiring and managing teams that have grown to include hundreds of engineers and data scientists. His hands-on approach to leadership is exemplified by his commitment to coding and model building, ensuring he remains at the cutting edge of his field. He has helped architect platforms aimed at enhancing the hiring process (Evolv), handling time tracking and payroll for small business employees (Homebase), enhancing customer communication (RapportBoost.AI), detecting fraud (Point Predictive), and facilitating real estate transactions (Doma). Of those five start-ups—one was acquired, one went public, another is poised for an IPO in 2025, with others making significant strides in the industry.

As a dynamic and engaging speaker, Dr. Housman has delivered hundreds of talks worldwide across more than a dozen countries, consistently receiving top accolades from diverse audiences. His expertise has enlightened executives within an all-star list of organizations, including: American Express, Barclays, Accenture, Deloitte, PepsiCo, Aramco, U.S Venture, Resort World, and YPO.   In addition to his leadership roles, he actively provides artificial intelligence and data science advisory services to both burgeoning start-ups like PetLab, as well as established enterprises such as Coca-Cola. Dr. Housman's unique ability to demystify complex technical concepts and present them engagingly sets him apart in a field often dominated by futurists and theorists.

Dr. Housman's academic credentials are equally impressive. His pioneering research, published in numerous peer-reviewed journals, presented at dozens of academic and practitioner-oriented conferences, and featured in prominent media outlets like The New York Times, Wall Street Journal, The Economist, and The Atlantic, underscores his significant contributions to the field. Not only has his work been recognized by academics and the media but has also captured the attention of other thought leaders in the space, being featured in Adam Grant's second book "Originals" as well as the "Freakonomics" podcast. He is a regular lecturer at the McCombs School of Business at the University of Texas-Austin, teaching undergraduate and MBA students about the intersection of AI and business. Dr. Housman holds a Ph.D. in Applied Economics and Managerial Science from The Wharton School of the University of Pennsylvania and an A.B. from Harvard University

DR. MICHAEL HOUSMAN

Technologist and Full-Stack Data Scientist

ABOUT

Dr. Michael Housman is a technologist and data scientist whose work sits at the intersection of artificial intelligence and human psychology. He's spent his career leading technology teams at early-stage companies, having architected platforms to hire job applicants, communicate more effectively with customers, catch fraudsters, and transact real estate.

His research has been published in a variety of journals, presented at dozens of academic and practitioner-oriented conferences, and profiled by such media outlets as The New York Times, Wall Street Journal, The Economist, and The Atlantic. Dr. Housman received his A.M. and Ph.D. in Applied Economics and Managerial Science from The Wharton School of the University of Pennsylvania and his A.B. from Harvard University.
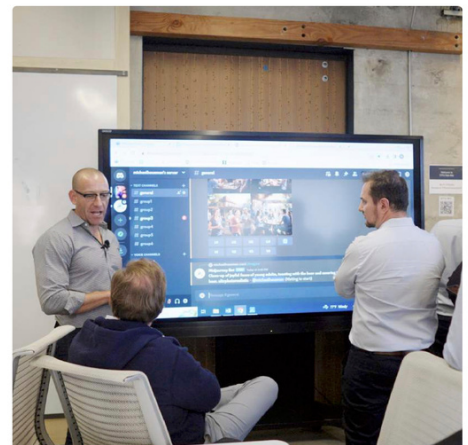
TALKS

UNDERSTANDING THE EXPLOSION OF ARTIFICIAL INTELLIGENCE: PAST, PRESENT, AND FUTURE

We are living in the midst of an explosion of artificial intelligence that is disrupting entire industries and completely transforming the way we live: new cars now have autopilot for highway driving, email and text messaging applications anticipate our next sentence, our phones recognize our faces and voices, and robots are learning to move and manipulate objects on their own. But if the algorithms behind many of these advances were developed decades ago, why are we only now starting to appreciate the full impact of this disruptive technology? Drawing real-world examples from a variety of different companies and industries, Dr. Michael Housman offers up some insight into why the explosion in artificial intelligence is occurring now, how you can best position your organization to harness the power of these advances, and what the future looks like for the fields of computer vision, natural language understanding and generation, reinforcement learning, and cognitive computing.

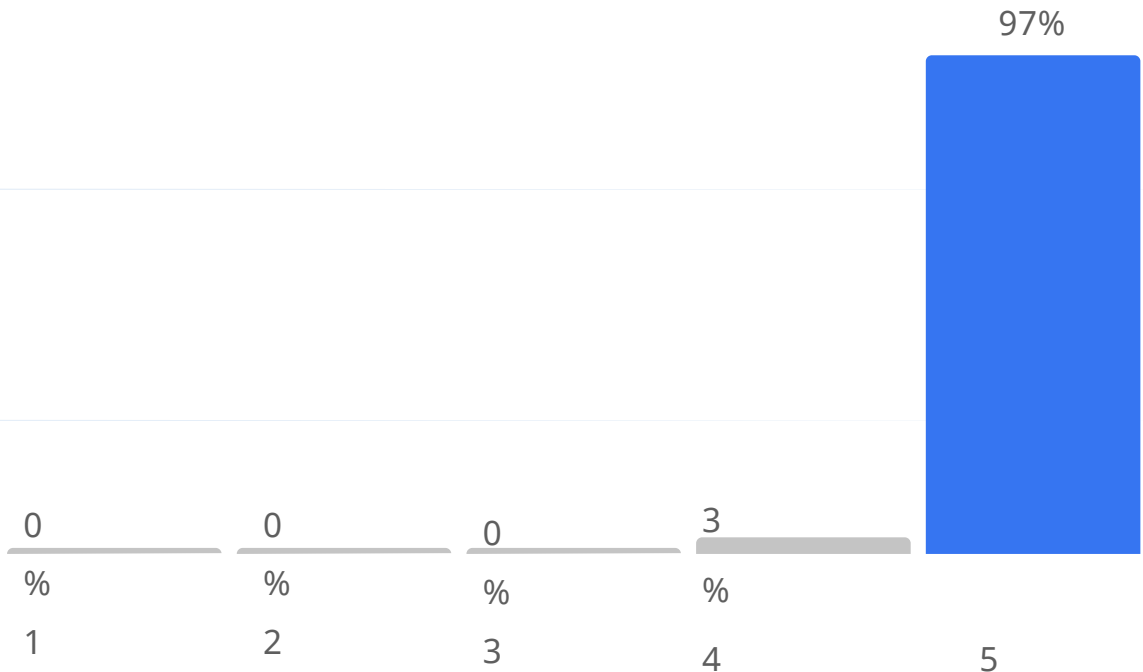### GENERATIVE ARTIFICIAL INTELLIGENCE: THE THIRD WAVE OF DIGITAL DISRUPTION

The recent explosion of generative artificial intelligence applications is upending the way we work and live by transforming the way that content is created: images created by MidJourney are photo-realistic, ChatGPT can converse intelligently about any topic, and AutoGPT can perform complex tasks. Given that these tools are evolving at an exponential pace, you may be wondering: What is the state of the art? How can I leverage these tools to help my company remain competitive within an constantly evolving landscape? Where do I even begin? With 15 years of experience transforming organizations through the intelligent design of artificial intelligence applications, Dr. Michael Housman outlines a framework for identifying the biggest opportunities to apply generative AI tools within organizations and offers up concrete examples of applications that companies are deploying today. He then goes on to lead the audience in an interactive workshop in which they will create a product pitch from scratch in just minutes leveraging generative AI tools that are readily available, showcasing just how powerful these applications can be when they're put in the right hands.

What is your rating for Creating with Generative AI Tools Workshop with Michael Housman and Thompson Plyler? (1 low, 5 high)

Score: 5.0

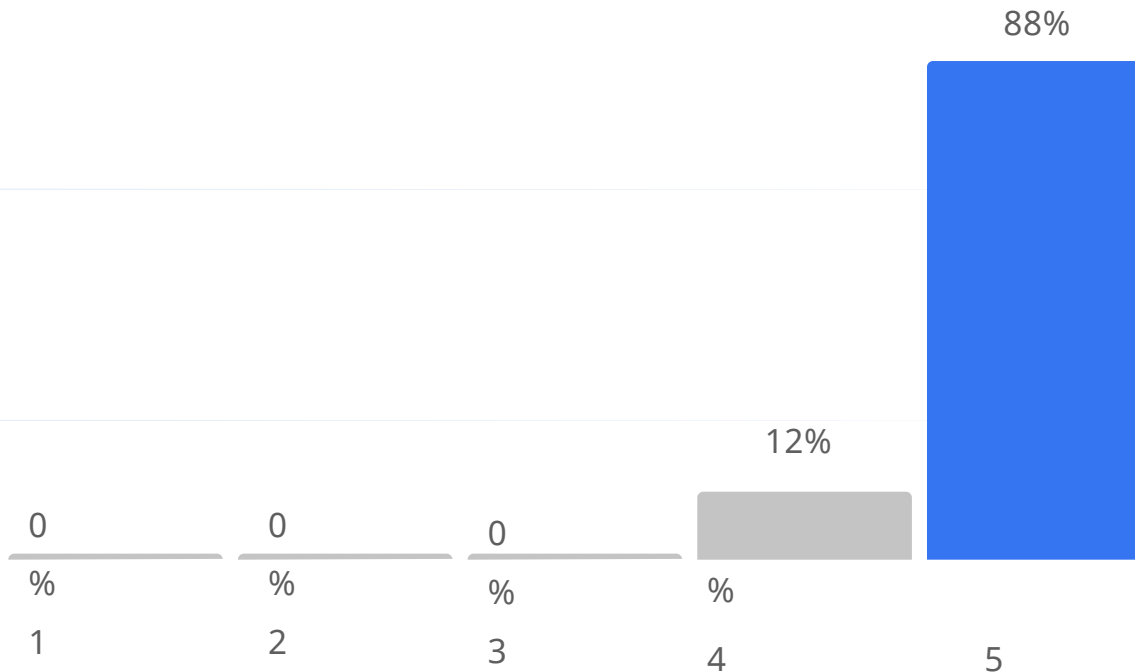|				97%
0%	0%	0%	3%	
1	2	3	4	5

What did you like about the session?

- Hands on w MULTIPLE tools
- Well guided and therefore participants could move along the session relatively well and within the time frame allocated
- Great opportunity to learn (and be humbled by) new technologies. The short timeline added a healthy measure of stress.
- Definitely should do this again! Loved the session!
- Awesome. Getting hands on experience on Gen AI

- Played with new technology and bonded with some awesome women!
- Powerful practical experience to understand how these tools can really enhance productivity.
- I got to use the tools which was awesome!
- The fact that we had to do it ourselves
- Hands on experience. Brought the theories to life.
- Great hands on session

What is your rating for The Future of AI with Michael Housman? (1 low, 5 high)

Score: 4.9

88%

12%

0 % 1

0 % 2

0 % 3

4

5

What a-ha moments did you have during the discussion about this technology? Responses will be used for a later group activity. Please include appropriate detail in you're a-ha moments.

- The speed of evolution and the power of quantum combined with gen AI
- We all have to learn how to use AI....we may not be replaced by AI...but we will certainly be replaced by someone who can use AI. Combining quantum with AI to get even better/faster results
- AI. Combining quantum with AI to get even better/faster results

- Some of the examples spoken Various use cases on machine getting better than humans in the medical world
- Curation & selection will trump creation
- Impact of quantum computing
- Coupled with GenAI
- We are at the slowest pace of innovation in AI today...

Michael has 15 years of experience leading [tech]nology teams at early-stage technology [comp]anies and architecting AI platforms that have [transf]ormed the way we hire (Evolv), communicate [(Supp]ortBoost.AI), and detect fraud (Point [Predi]ctive), and transact real estate (Doma).

[...publi]shed his work in a variety of journals, [...m]any academic and practitioner- [...con]ferences, and has had his research [...N]YT, WSJ, The Economist, and The

[...] received his A.M. and Ph.D. [...Appli]ed Economics and Managerial Science from [...Wh]arton School of the University of [...Pennsyl]vania and his A.B. from Harvard University.

Dr Michael Hous[man]

Bootcamp: "Dr. Michael Housman is a faculty member at the EY Tech University, teaching in our Disruptive Tech Program and leading the AI bootcamps that we offer to our Partners. He specializes in AI and quantum computing, and consistently impresses senior clients and partners with his engaging, informative, and accessible lectures. Incorporating humor and practical insights, he receives high feedback scores for his up-to-date content. I highly recommend him as an expert on the latest advancements in artificial intelligence."

RIAZ SHAH
EY Partner and Global Learning Leader

Roadmap: "PepsiCo organized an executive leadership meeting in Athens and we brought in Singularity University to help us think exponentially and expose us to disruptive technologies. We decided to add AI-ccelerator (vis a vis Dr. Michael Housman) to the retreat because of the rapid growth and adoption of generative AI models like ChatGPT and he did not disappoint! He provided us with an overview of how they work, where the ecosystem is headed, and potential implications for our business. Everyone walked away with a much deeper understanding of how generative AI is going to transform our business and how we can harness those tools to shape the future instead of letting it happen!"

CELSO BORGES SHIMABUKURO
Vice President & Head of e-Commerce Europe, PepsiCo

Workshop: "At the Global Entrepreneurship Summit in November 2023, Dr. Michael Housman captivated our entrepreneurs with his expertise in generative artificial intelligence, illustrating its role as a pivotal force in digital innovation. He adeptly merged theory with practice, offering a framework for leveraging AI tools that resonated strongly with our audience. A highlight was the interactive workshop where, under Dr. Housman's guidance, we co-created a product pitch using generative AI, demonstrating its practical power and potential. His engaging approach not only enlightened but also inspired, making it clear why he's a highly recommended authority in the AI space."

ERIC VEST
Chair, YPO Entrepreneurship Network

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