

The Cybersecurity Readiness Podcast Series

Episode Title	Unraveling the Positive and Negative Impacts of Generative AI
Podcast Series	The Cybersecurity Readiness Podcast Series https://www.dchatte.com/podcast/ https://the-cybersecurity-readi.captivate.fm/
Host and Producer	Dave Chatterjee, Ph.D. https://dchatte.com
Guest	Tony Hoang, Ph.D. , Host of Artificial Intelligence Podcast
Summary Pitch	<p>In a very thought provoking discussion, Tony Hoang, Ph.D., traced the evolution of Gen AI, highlighted the many benefits, and also shared his concerns about the irresponsible and abusive use of this technology. What got my attention were the following realities:</p> <ul style="list-style-type: none"> • Major high-tech companies have laid off responsible AI committees and privacy committees, signaling a desire to move quickly despite potential risks. • How easy it is to create a Gen AI voice or video avatar of someone without their consent, using audio or video recordings available online. • There are no current safeguards to prevent someone from exploiting AI-generated images of someone else, making it a challenge for parents to advise their children on how to protect themselves.
Time Stamps	00:02 -- Introduction

	<p>00:49 -- Dr. Tony Hoang's Professional Highlights</p> <p>02:47 -- AI's evolution, data science, machine learning, and generative AI</p> <p>10:05 -- Generative AI and cybersecurity</p> <p>14:07 -- AI and cybersecurity threats in the enterprise</p> <p>18:45 -- AI-generated explicit content and its impact on teenagers</p> <p>22:48 -- AI-generated content and its potential impact on society</p> <p>30:05 -- AI-generated fake reviews and their impact on businesses</p> <p>34:55 -- The potential dangers and benefits of generative AI</p>
<p>Memorable Tony Hoang Quotes/Statements</p>	<p>"Right now, there is a big emphasis on the on the client-side of obviously, privacy and security, on the development side, there isn't primarily because of the fact that everyone wants to rush to the top."</p> <p>"So, what they're doing is that they are taking all of the responsible AI committees, all of the privacy committees, and they basically just laid everyone off in the past six months. And that's kind of frightening to see, because what that means is when you fire your responsible AI committee, what that signals is they want to go fast, because these committees actually slow them down in order to accomplish their goal."</p> <p>"The stuff that really worries me the most about Gen AI isn't phishing attacks, or any of that stuff; my biggest fear right now is the replication of human images, or video or voices."</p>

	<p>"One of the ways that you could use Gen AI to take down a competitor, you would go on their website onto the product review, hit it with AI generated responses and just flood it with negative one star or two-star reviews. So that's a way to destroy a company's reputation using Gen AI, and we're actually seeing that right now."</p> <p>"There's no way for anybody to detect AI generated content right now in an automated fashion."</p>
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