

How Tarteel Uses AI to Help Arabic Learners Perfect Their Pronunciation

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There are some 1.8 billion Muslims, but only 16% or so of them speak Arabic, the language of the Quran.

This is in part due to the fact that many Muslims struggle to find qualified instructors to give them feedback on their Quran recitation.

Enter today's guest and his company Tarteel, a member of the NVIDIA Inception program for startups.

Tarteel was founded with the mission of strengthening the relationship Muslims have with the Quran.

The company is accomplishing this with a fusion of Islamic principles and cutting-edge technology.

AI Podcast host Noah Kravitz spoke with Tarteel CEO Anas Abou Allaban, to learn more.

Artem Cherkasov and Olexandr Isayev on Democratizing Drug Discovery With NVIDIA GPUs

It may seem intuitive that AI and deep learning can speed up workflows — including novel drug discovery, a typically yearslong and several-billion-dollar endeavor. However, there is a dearth of recent research reviewing how accelerated computing can impact the process. Professors Artem Cherkasov and Olexandr Isayev discuss how GPUs can help democratize drug discovery.

Lending a Helping Hand: Jules Anh Tuan Nguyen on Building a Neuroprosthetic

Is it possible to manipulate things with your mind? Possibly. University of Minnesota postdoctoral researcher Jules Anh Tuan Nguyen discusses allowing amputees to control their prosthetic limbs with their thoughts, using neural decoders and deep learning.

Wild Things: 3D Reconstructions of Endangered Species With NVIDIA's Sifei Liu

Studying endangered species can be difficult, as they're elusive, and the act of observing them can disrupt their lives. Sifei Liu, a senior research scientist at NVIDIA, discusses how scientists can avoid these pitfalls by studying AI-generated 3D representations of these endangered species.

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