



**DEPARTMENT OF MATHEMATICS**  
**Fall 2024 MATH Colloquium Series**

# Growing with AI

**Lessons learned from competing in  
75 international data science  
competitions**



**Dr. Chris Deotte**  
**Senior Data Scientist NVIDIA**  
**Quadruple Kaggle Grandmaster**

In this talk, Chris will share dozens of AI stories. We will explore the data and types of models used to solve ten categories of AI, namely computer vision, natural language processing, forecasting, recommender systems, tabular data, signals, graphs, reinforcement learning, optimization, and generative AI.

Lastly, we will discuss the details of NVIDIA's first place solution to this year's KDD Cup 2024. The competition was a generative AI task. Contestants were tasked with building an ecommerce assistant which could answer questions in natural language about Amazon's online shopping website

**Sep. 19, 2024**  
**THURSDAY**

**4:00 PM**  
**BSS#166**

**FOR MORE INFO GO TO [HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM](https://math.humboldt.edu/get-involved/mathematics-colloquium)**

**WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA IN BSS#312  
AT 3:30 PM**