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MONTRÉAL.AI ACADEMY

AI4Artists : The First Comprehensive Overview of All (全) AI for Artists

PIONEERING LEGENDARY CREATIONS

Demo: Painterly stylization

#AI4Artists



Automatically harmonizes the compositing of an element into a painting.

Title: *Deep Painterly Harmonization*

Authors: Luan, Fujun and Paris, Sylvain and Shechtman, Eli and Bala, Kavita

Journal: arXiv preprint arXiv:1804.03189

AI4ARTISTS | PROGRAM

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Unveilling a World of Hidden Secrets

Session 1. (30 min.)

Deep Learning

- ❖ Neural Networks
- ❖ Recurrent Neural Networks
- ❖ Convolution Neural Networks

Session 2. (30 min.)

Autonomous Agents

- ❖ Evolution Strategies
- ❖ Deep Reinforcement Learning
- ❖ Deep Meta-Learning

Session 3. (15 min.)

Environments

- ❖ OpenAI Gym
- ❖ Unity Machine Learning Agents
- ❖ World Models



#AI4Artists

Unveiling a World of Hidden Secrets

A Well-Crafted Actionable 75 Minutes Tutorial for Artists

DESIGNED for ARTISTS

THE FIRST COMPREHENSIVE OVERVIEW OF ALL (全) ARTIFICIAL INTELLIGENCE FOR ARTISTS.

POWERFUL & USEFUL. This actionable 75 minutes (!) tutorial is designed to entrust every person who creates art with the mindset, the skills and the tools to see artificial intelligence from an empowering new vantage point by :

- Exalting state of the art discoveries and science ;
- Curating the best open-source codes & implementations ; and
- Embodying the impetus that drives today's artificial intelligence.

#AI4Artists is created to inspire artists who, with AI, will shape the 21st Century. A Game Changing Perspective.

"The Artists Creating with AI Won't Follow Trends; THEY WILL SET THEM."



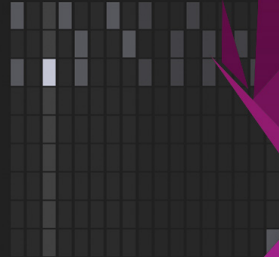
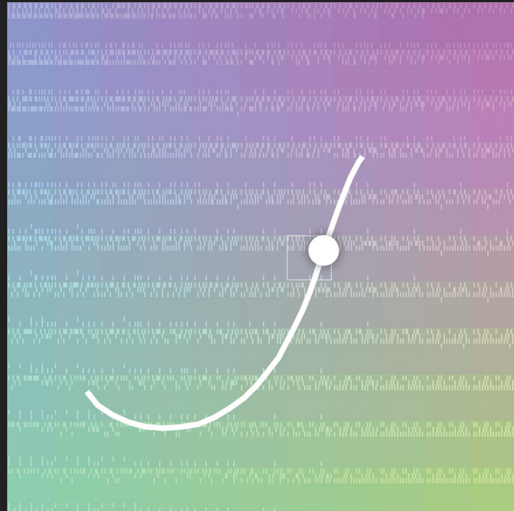
YOUR COACH

Vincent Boucher

In 1996, Vincent Boucher completed a *B. Sc. Theoretical Physics* in 1 year, followed by a *Master's degree in Government Policy Analysis* [1998] and a *Master's degree in Aerospace Engineering* (Space Technology) [2000]. From 2000 to 2002, he provided management consulting services for the Canadian Space Agency.

In 2003, Vincent Boucher founded Montréal.AI (*Montreal AI-first conglomerate*) and Québec.AI to pioneer a new world age of breakthroughs applying AI in ways never thought of. Under the Montréal.AI umbrella, multiple companies are being structured including an Academy : *Montréal.AI Academy*.

* Montréal.AI is the largest artificial intelligence community in Canada (join us at <https://www.facebook.com/groups/MontrealAI/>)

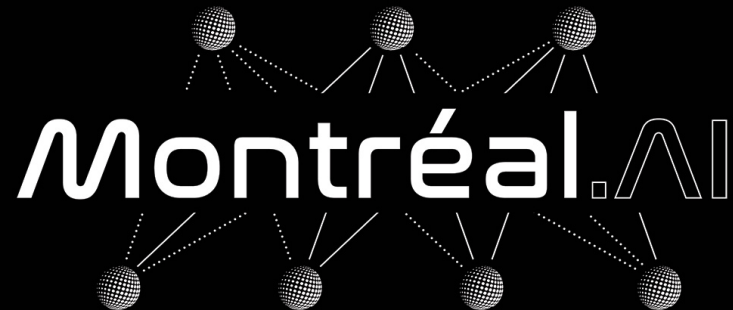


A MUSICAL PALETTE
Demo: MusicVAE — an artificial intelligence that lets us create palettes for blending and exploring musical scores.

DRAG ☐ DRAW



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Pioneering Legendary Creations

academy@montreal.ai

** Group reservation only*

** This 75 minutes tutorial is presently in alpha, with a restricted number of artists to help us enhance it. As we enter beta, we'll offer it to many more groups (min. 150 persons) from the waiting list.*