

ai.llucination

List of useful resources for the [ai.llucination](#) custom GAN software development

[ai.llucination Github](#)

Machine Learning

- [Machine Learning Glossary](#)
- [ML Cheat Sheet](#)
- [Understanding Latent Space in Machine Learning](#)
- [Tuning Machine Learning Hyperparameters](#)

Neural Network

- [Convolutional Neural Network](#)
- [Neural Network In 5 Minutes](#)

GAN

- [Generative Adversarial Networks \(GANs\) - Computerphile](#)
- [What are Generative Adversarial Networks \(GANs\) and how do they work?](#)
- [Introduction to Generative Adversarial Networks \(GANs\): Types, and Applications, and Implementation](#)
- [Glow: Better Reversible Generative Models](#)

BigGAN

- [BigGAN and Other Generative Models](#)
- [BigGAN: A New State of the Art in Image Synthesis](#)
- [BigGAN-PyTorch](#)
- [BigGAN + BiGAN = BigBiGAN | DeepMind Model Excels in Unsupervised Representation Learning and Image Generation](#)
- [BigBiGAN Github](#)

StyleGAN

- [StyleGAN: Use machine learning to generate and customize realistic images](#)
- [StyleGAN v2: notes on training and latent space exploration](#)
- [StyleGAN2 – Official TensorFlow Implementation](#)
- <https://thispersondoesnotexist.com/>
- [Training StyleGAN machine learning models in Runway](#)

RunwayML

- [RunwayML Youtube](#)
- [Intro to Model Training in RunwayML](#)
- [ofxRunway](#)
- [Processing BigGAN Example](#)
- [How Much Does RunwayML Cost?](#)

Google Colab

- [BigGAN TF Hub Demo](#)
- [BigGAN Demo](#)
- [StyleGAN2 Google Colab Example](#)

TO DO

- Checker la création de modèle et l'ajout dans Runway
- Training test avec un dataset low res sur un model pre-trained pour voir si l'output est intéressant
- Sketch de l'interface du software qui communique avec Runway
- Possibilité d'avoir une image ou un vector en input/output du StyleGAN
- Tester de chainer deux StyleGAN avec chacun leur dataset et output le résultat vers le software custom
- Option "plus différent/moins différent" dans l'output du software, en utilisant la sampling distance du vector

Software

- openFrameworks
- React PWA
- React Native (version mobile)