Selected videos on Modern IT 2021.10.11

General Artificial intelligence ideas

* What is Artificial Intelligence Exactly? <https://www.youtube.com/watch?v=kWmX3pd1f10>
* But what is a neural network? <https://www.youtube.com/watch?v=aircAruvnKk>
* AI Finds Incredible Planets Better For Life <https://www.youtube.com/watch?v=cbAGa-JzL8M>
* AI Predictions for 2021 <https://www.youtube.com/watch?v=ma4bPnU6tII>
* Supervised learning <https://www.youtube.com/watch?v=4qVRBYAdLAo>

Recent development

* Deepfake <https://www.youtube.com/watch?v=lSM-9RBk3HQ>
* Object Detection using Yolo-R <https://www.youtube.com/watch?app=desktop&v=RYYzTkCE84I>
* Object Detection YOLO x SSD <https://www.youtube.com/watch?app=desktop&v=gwKZ0_2UdZ4>
* OpenPose1: <https://www.youtube.com/watch?v=4FZrE3cmTPA>
* OpenPose2: <https://youtu.be/IlsXQPOF9IE?list=RDCMUCFJPdVHPZOYhSyxmX_C_Pew>
* FACE RECOGNITION <https://www.youtube.com/watch?v=SIZNf_Ydplg>
* 68 Points face landmark detection: <https://www.youtube.com/watch?v=YW_LwiG5yQs>
* Face Mesh 468 point 3D face landmarks: <https://www.youtube.com/watch?v=IZnbd29gtIQ>

Automatic driving and smart cities

* Self Driving <https://www.youtube.com/watch?v=bdFi3RToOBk>
* tesla automatic driving <https://www.tesla.com/support/full-self-driving-computer>
* smart city <https://youtu.be/m45SshJqOP4>
* Amazon's Smart Warehouse <https://www.youtube.com/watch?v=IMPbKVb8y8s>

Advanced Products

* OrCam Read Tutorials : <https://www.youtube.com/watch?v=zeSerUmG6RU>

Computer systems

* GPU/TPU/CPU <https://www.youtube.com/watch?v=6ZDoFomU10A>

Robotics

* BostonDynamics <https://www.youtube.com/user/BostonDynamics>
* Solving Rubik’s Cube with a Robot <https://www.youtube.com/watch?v=x4O8pojMF0w>

NLP (natural language processing) and smart interfaces (Chatbot)

* How Google Translate Works <https://www.youtube.com/watch?v=AIpXjFwVdIE>
* Transformer | NLP: <https://www.youtube.com/watch?v=3SdkQ10kjRA>
* Transformer Pytorch <https://www.youtube.com/watch?v=M6adRGJe5cQ>
* GTP3 <https://www.youtube.com/watch?v=8psgEDhT1MM>
* Interviewing GTP3 <https://www.youtube.com/watch?v=PqbB07n_uQ4>
* OpenAI GPT-3 <https://www.youtube.com/watch?v=_x9AwxfjxvE>
* Two AIs talk about becoming human. (GPT-3) <https://www.youtube.com/watch?v=jz78fSnBG0s>
* OpenAI <https://en.wikipedia.org/wiki/OpenAI>

AI and Finance

* High Frequency Trading <https://www.youtube.com/watch?v=z4nCTdQlH8w>
* Internet banking <https://thetradingbible.com/how-brokers-make-money>
* bit corn <https://www.youtube.com/watch?v=WO-O2K_Fqw0>