Machine *Learning*
Popular people in AI

Mostafa S. Ibrahim
Teaching, Training and Coaching for more than a decade!

Artificial Intelligence & Computer Vision Researcher
PhD from Simon Fraser University - Canada
Bachelor / MSc from Cairo University - Egypt
Ex-(Software Engineer / ICPC World Finalist)

Geoffrey Hinton

- Geoffrey Hinton is one of the most famous AI Leaders in the world
- Well known for many things including NN/**Deep Learning**
- Hinton has divided his time working for Google Brain and the University of Toronto since 2013.
- In 2018 Hinton received the **Turing award along with Yann LeCun and Yoshua Bengio**

Yann LeCun

- Yann LeCun is a computer scientist primarily known for his work in the field of machine learning, mobile robotics, computer vision, and computational neuroscience.
- He is the founding father of **convolutional nets** and one of the primary creators of DjVu, an image compression technology.
- Yann LeCun received the **Turing Award**
- Active on linkedin

Yoshua Bengio

- A 3rd popular researcher in his deep learning contributions
- Full Professor at the Montreal Institute for Learning Algorithms (MILA)
- CIFAR Program co-director of the CIFAR program on Learning in Machines and Brains and Canada Research Chair in Statistical Learning Algorithms
- Yoshua Bengio received the **Turing Award**

Andrew Ng

- My first time to know Andrew was from his popular **Stanford** [ML course](#)
- Then, I took his [Coursera - ML course](#)
- Andrew Ng is Founder & CEO of Landing AI, Founder of deeplearning.ai, Co-Chairman and Co-Founder of Coursera, and is currently an Adjunct Professor at Stanford University. He was also Chief Scientist at Baidu Inc., and Founder & Lead for the Google Brain Project

Jitendra Malik

- One of the known figures in Computer vision and other domains
- The supervisor of my supervisor, Greg Mori (will be the general chair for CVPR 2023)

Fei-Fei Li

- Li is one of the leads in the computer vision domain and a friend/collaborator with my PhD supervisor Greg Mori
- Dr Fei-Fei Li is the inaugural Sequoia Professor in the Computer Science Department at **Stanford** University. She is also the Co-Director of the Stanford Institute for human-centred Artificial Intelligence and a Co-Director of the Stanford Vision and Learning Lab. She was the Vice President at Google from Jan 2017 to September 2018 and served as the Chief Scientist in Artificial Intelligence/ Machine Learning at Google Cloud.

Andrej Karpathy

- First time to know him attending stanford popular computer vision course
- Karpathy graduated with a PhD from Stanford University in 2015 under the supervision of Fei-Fei Li, focusing on the intersection of natural language processing and computer vision, and deep learning models suited for this task
- Joined Tesla and played big role in its self-driving car
  - Served as the director of artificial intelligence and Autopilot Vision at Tesla

Ian Goodfellow

- Ian Goodfellow is widely known for **GANs** (Generative Adversarial Networks) which has wide-ranging applications in art, fashion, science, and in deep fakes.
- Yann LeCun was so impressed by GANs that he described them "the most interesting idea in the last 10 years in ML"
- One of the authors for the book "Deep Learning"

Ross Girshick

- Ross Girshick is a research scientist at Facebook AI Research (FAIR). He received a PhD in computer science in 2012 from the University of Chicago while working with **Pedro Felzenszwalb**. Prior to joining FAIR, Ross was a researcher at Microsoft Research and a postdoc at the University of California, Berkeley, where he was advised by **Jitendra Malik and Trevor Darrel**l.
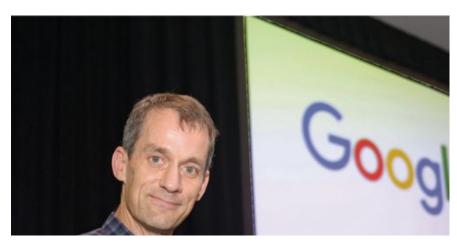- Ross is well known in computer vision for his Object detection frameworks (Faster-RCNN)
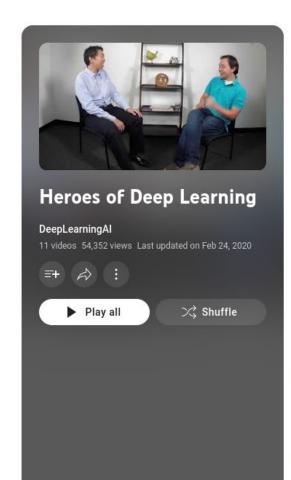- Ross (319k citations) wrote reference letter for my O1-US visa along with Assistant Professor Jia Deng (105k citations)

Jeff Dean

- Jeff [Dean](#) is a Senior Fellow at Google's AI research lab, **Google Brain**.
- He is also a distinguished researcher in machine learning and artificial intelligence. He co-founded Google's **DeepMind** project
- Worked in big projects such as BigTable, MapReduce, LevelDB and **Tensorflow**

Heroes of Deep Learning

DeepLearningAI

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Note

- This is just a small list
- There is bias toward computer vision
- There are more heroes in the field
- There are key figures in NLP

- نصائح
  - إنَّمَا النَّاسُ كَالإِبِل المِائِةِ ، لاَ تَكَادُ تَجِدُ فِيهَا رَاحِلَةً
    - القليل من الناس حقا مميز
  - الشهرة لا تساوي الثقل العلمي
  - الناس غير متساوون في العلم أو غيره

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."