

Additional Resources

Artificial Intelligence: Preparing Your Career for AI

Below are links to additional resources to allow you to dig deeper into the topics we discussed in this course. All of these resources are recommended. However, they are optional and not required to complete this course.

1. Educate Yourself About AI

What is Artificial Intelligence? (Video - 2 min)

<https://youtu.be/22qHsNbWeJY>

What is Machine Learning (Video - 2 min)

https://youtu.be/XGC_77Oz93w

What is Deep Learning (Video - 2 min)

<https://youtu.be/BRGzC2nuO6U>

What is Reinforcement Learning (Video - 2 min)

<https://youtu.be/RAUmWPpxa2M>

What is Data Science? (Video - 1 min)

<https://youtu.be/qix1SRF14P0>

How to Recognize AI Snake Oil (Slides - 10 minutes)

<https://www.cs.princeton.edu/~arvindn/talks/MIT-STS-AI-snakeoil.pdf>

2. Upgrade Your Career for AI

Humans Need Not Apply (Video - 15 min)

<https://youtu.be/7Pq-S557XQU>

What Will Future Jobs Look Like (Video - 15 min)

https://www.ted.com/talks/andrew_mcafee_what_will_future_jobs_look_like

Don't Fear Intelligence Machines. Work With Them (Video - 15 min)

https://www.ted.com/talks/garry_kasparov_don_t_fear_intelligent_machines_work_with_them

Indeed: The Best Jobs in the US in 2019 (Article - 5 min)

<https://www.indeed.com/lead/best-jobs-2019>

LinkedIn: 2020 Emerging Jobs Report (Article - 10 min)

https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging_Jobs_Report_U.S._FINAL.pdf

Indeed: Jobs of the Future: Emerging Trends in AI (Article - 7 min)

<http://blog.indeed.com/2018/08/23/artificial-intelligence-report>

3. Invest in an AI-first Economy

The Key to Growth - Race with the Machines (Video - 12 min)

https://www.ted.com/talks/erik_brynjolfsson_the_key_to_growth_race_with_the_machines

The Great Decoupling (Article - 15 min)

<https://hbr.org/2015/06/the-great-decoupling>

Big Data at Caesars Entertainment (Article - 5 min)

<https://www.forbes.com/sites/bernardmarr/2015/05/18/when-big-data-becomes-your-most-valuable-asset/>

How to Invest in Index Funds (Article - 5 min)

<https://www.fool.com/investing/how-to-invest/index-funds/>

Economic Growth (Article - 30)

<https://ourworldindata.org/economic-growth>

4. Use AI Responsibly and Ethically

Synthesizing Obama: Learning Lip Sync from Audio (Video - 8 min)

<https://youtu.be/9Yq67CjDqvw>

OpenAI Has Published the Text-generating AI It Said Was Too Dangerous to Share (Article - 4 min)

<https://www.theverge.com/2019/11/7/20953040/openai-text-generation-ai-gpt-2-full-model-release-1-5b-parameters>

Slaughterbots [Warning: Contains Graphic Imagery] (Video - 8 min)

<https://youtu.be/9CO6M2Hs0IA>

Why We Should Ban Lethal Autonomous Weapons (Video - 5 min)

<https://youtu.be/LVwD-lZosJE>

Universal Basic Income Explained (Video - 10 min)

<https://youtu.be/kl39KHS07Xc>

How I'm Fighting Bias In Algorithms (Video - 8 min)

https://www.ted.com/talks/joy_buolamwini_how_i_m_fighting_bias_in_algorithms

The Era of Blind Faith in Big Data Must End (Video - 13 min)

https://www.ted.com/talks/cathy_o_neil_the_era_of_blind_faith_in_big_data_must_end

Understanding Explainable AI (Article - 5 min)

<https://www.forbes.com/sites/cognitiveworld/2019/07/23/understanding-explainable-ai/>

5. Adapt to What Comes Next

How AI Can Save Our Humanity (Video - 15 min)

https://www.ted.com/talks/kai_fu_lee_how_ai_can_save_our_humanity

What Happens When Computers Get Smarter Than We Are (Video - 16 min)

[https://www.ted.com/talks/nick_bostrom_what_happens_when_our_computers_get_smarter_than_w
e_are](https://www.ted.com/talks/nick_bostrom_what_happens_when_our_computers_get_smarter_than_we_are)

What Explains the Rise of Humans? (Video - 17 min)

https://www.ted.com/talks/yuval_noah_harari_what_explains_the_rise_of_humans/

The Future of Humanity (Video - 30 min)

<https://youtu.be/XOmQqBX6Dn4>

Other Resources

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