DawsonAI 2020 Speaker Series
TALK DESCRIPTIONS

NOV. 11 @ 1 PM

XAVIER ST-DENIS
Assistant Professor, Institut national de la recherche scientifique (INRS)
Title: The use of AI in hiring: Understanding algorithmic bias, fairness, and other challenges
Abstract: Artificial Intelligence is increasingly used by firms for human resources functions, such as hiring, employee retention policies, and performance assessment. Many use cases are seen as problematic because of the black box nature of many AI algorithms. One source of concern is the use of data based on past decisions and assessments made by humans to train algorithms. This is seen as a possible source of bias in AI. In the context of COVID-19, the use of AI in the workplace is faced by an additional challenge: algorithms are trained on pas data to formulate predictions. However, the COVID-19 pandemic resulted in important disruptions in all aspects of professional life. Will this compromise the ability of AI to formulate accurate predictions in the short term? This presentation will be a brief introduction to the use of AI in the workplace, with discussions of implications of the COVID-19 pandemic.
Link: http://bit.ly/DawsonAI-XavierStDenis

NOV. 11 @ 2:30 PM

CHARLES C. ONU
Machine Learning Researcher & Vanier Doctoral Scholar, Mila & McGill University
Title: What is AI and how can it be used for good?
Abstract: Hearing the words "artificial intelligence" has almost become a daily occurrence. What really does the pursuit of artificial intelligence involve? What does it mean to build AI? How can this play an important role in social good, and specifically, in providing access to healthcare for millions? We will answer these questions during this talk.
Link: https://bit.ly/DawsonAI-CharlesOnu

NOV. 11 @ 4 PM

MARTIN GIBERT
Ethics of AI Research Officer, Centre de recherche en éthique (CRÉ) & l'Institut de valorisation des données (IVADO)
Title: An introduction to the ethics of artificial intelligence
Abstract: This talk will propose a map of the main ethical issues raised by recent developments in artificial intelligence: the existential risk of a hostile AI, human replacement, surveillance, and manipulation. It will also discuss the best way to program robots, such as autonomous cars or chatbots.
Link: http://bit.ly/DawsonAI-MartinGibert

NOV. 13 @ 11 AM

SAMEER BHATNAGAR
Physics Teacher, Dawson College
Title: Applications of machine learning in education
Abstract: This talk will be a brief overview of how Machine Learning techniques are applied to different systems in education. Latent Skill Estimation, Automatic Essay Scoring, Personalized Content Recommendation and Feedback, Early Identification of Students at Risk: these are all examples of how some core ML techniques are being used at scale today in different learning platforms.
Link: http://bit.ly/DawsonAI-SameerBhatnagar

NOV. 13 @ 1 PM

LLANA JAMES
Public Intellectual & Doctoral Candidate, Faculty of Medicine, University of Toronto
Title: Hype vs. reality in an AI world: A practical guide to the future
Abstract: What training, education, and critical thinking skills do learners need as they contemplate the age of AI and the future of work? We know that AI will be part of every aspect of life. How can we make ethical choices in this shifting landscape? What are we really dealing with, and what principles can best guide us?
Link: http://bit.ly/DawsonAI-LLanaJames