IA ET BIBLIOTHEQUES
CAS: UNIVERSITY OF RHODE ISLAND

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#CPI2018
Expérimenter l’intelligence artificielle : GallicaPix
Plongez dans les images de 14-18 avec notre nouveau moteur de recherche iconographique GallicaPix

25 novembre 2017 / Thomas Henry
“We’re democratizing A.I.,” said Karim Boughida, the dean of university libraries at the University of Rhode Island, as colleges are seeking students beyond computer science fields.

Colleges Grapple With Teaching the Technology and Ethics of A.I.

The rapidly growing demand for skills in artificial intelligence is so high that it is expanding educational programs across the country.
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DEFINITION IA?
[FLUIDE]

DEFINITION “DATA SCIENCE”? [IDEM. ROLE DE US-NSF ]
IA?
Algorithmes, la bombe à retardement
Cathy O'Neil

1. Les Infos
2. L'auteur
3. La presse

Préface de Cédric Villani


Ancienne analyste à Wall Street devenue une figure majeure de la lutte contre les dérives des algorithmes, Cathy O'Neil dévoile ces « armes de destruction mathématiques » qui se développent grâce à l'ultra connexion et leur puissance de calcul exponentielle. Brillante mathématicienne, elle explique avec une simplicité percutante comment les algorithmes font le jeu du profit.
ALGORITHMS OF OPPRESSION
HOW SEARCH ENGINES PERPETUATE RACISM

Safiya Umoja Noble PhD
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Top 20 Emerging Jobs

- Machine Learning Engineer: 9.8x
- Data Scientist: 6.5x
- Sales Development Representative: 5.7x
- Customer Success Manager: 5.6x
- Big Data Developer: 5.5x
- Full Stack Engineer: 5.5x
- Unity Developer: 5.1x
- Director of Data Science: 4.9x
DEMANDE DES ETUDIANTS (IA)
BIBLIOTHEQUES ET IA?
Meet Hugh, the robot librarian

26 February 2016

Students searching for library books at Aberystwyth University could soon be turning to a robot for assistance.

Hugh, the artificially intelligent robot librarian, is the brain-child of robotics students Pasi William Sachiti and Ariel Ladegaard.

Designed to take verbal book requests, Hugh will be able to tell where a book is stored in the library and even retrieve it.
Smart talking robot Xiaotu: participatory library service based on artificial intelligence

Fei Yao, Chengyu Zhang and Wu Chen
Tsinghua University Library, Tsinghua University, Beijing, China

Abstract

**Purpose** – The purpose of this paper is to introduce a participatory library service based on artificial intelligence (AI).

**Design/methodology/approach** – AI technologies and various technologies for facilitating the use of the currently existing libraries and the third-party resources are combined in the new mobile and social networking environments to provide an innovative real-time virtual reference service. Special aesthetic design and library marketing measures are adopted to expand the gains of the service. Questionnaire survey, in-depth interview, and statistical analysis are conducted to evaluate the effects of the service.

**Findings** – A smart talking robot called Xiaotu (female) is developed. This robot is regarded as a promising new online reference service modus operandi. Four factors contribute to the success of the robot, namely, AI, self-learning, vivid logo and language, and modular architecture.

**Practical implications** – Xiaotu presents a participatory library service, in which users participa
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“PEOPLE OF COLOR IN AI” – A DISCUSSION ON ETHICAL IMPLICATIONS AND IMPACTS
WHAT WORRIES YOU ABOUT AI?

- Not knowing exactly how it works
- People could have an incentive to use AI for warfare
- Social biases
- Lack of nuanced, rigorous ethical foundation in R&D ownership & CEOs
THE FASTEST PATH TO DEEP LEARNING
Entanglement Institute (ei) is accelerating quantum information sciences.

Through the development of an "open source" quantum computing community and the development of an "agnostic" quantum computing framework, ei provides access to the world's most advanced quantum and alternative computers. Scientists, researchers, programmers and businesses will make the impossible possible.
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INTELLIGENCE ARTIFICIELLE
Dévoilement de la stratégie pour renforcer l'écosystème québécois en IA
QUESTIONS?
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