

WKEXP 902 Work Term Report

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XXXXXXX

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Work term 2

Computer Engineering Software Co-op

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1 Introduction

The purpose of this report is to develop a profile of an industry which is of interest to me. By exploring different aspects of the industry of Artificial Intelligence, or AI. It can be noted that “Machine Learning” is a subfield of AI [1] , such as its history, We wil also cover the projected economic status

2 Brief History of the Industry

Contrary to what one might think, the idea of a machine being able to reason is nothing new. Early Philosophers, such as René Descartes (~1600s C.E.) have used the idea of a ”mechanical man” to define what it is to be human.[2][3] Another philosopher, named Etienne Bonnot, de Condillac[2] (~1700s C.E.) thought about ”an originally inanimate and insentient human being”[4] and how much information it would need to acquire by exposing it to different sensations before it would become intelligent. However, an example more familiar to us nowadays might be this quote from the Wizard of Oz[5]:

“Scarecrow: I haven’t got a brain... only straw.

Dorothy: How can you talk if you haven’t got a brain?

Scarecrow: I don’t know... But some people without brains do an awful lot of talking... don’t they?

3 Recent Technological Advances

maybe talk about nvidia here

4 Economic Factors Influencing the Industry

<https://www.newsmax.com/finance/richardagu/factors-artificial-intelligence-job/2018/04/24/id/856267/>

5 Geographic locations of industry concentration

hey Edmonton actually has some pretty cool machine learning research stuff going on obviously there's Silicon Valley as well...

6 Major employers

google, tesla...

7 Projected Economic Status

todo [6]

8 Current hiring trends and long term prospects

oof

9 Conclusion

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References

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