

# Deep Learning

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Machine Learning



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## **Declaration**

This report has been prepared on the basis of my own work. Where other published and unpublished source materials have been used, these have been acknowledged.

**Word Count:**

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## **Abstract**

This dissertation covers a bunch of stuff!

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## **1 Section one**

This is a sample section.

## **2 Section two**

An example of a reference: [1].

## **3 Section three**

Here's another example of a reference: [2]

## 4 Section four

## **5 Section five**

### **5.1 Subsection one**

This is subsection one

### **5.2 Subsection two**

#### **5.2.1 Subsubsection one**

This is sub-sub-section one of subsection two.



## 6 Image Test

Figure 1: Example X-Ray Image



As can be seen in **Figure 1**, the x-ray is of a hand. A side-profile of the hand from the same study can be seen in **Figure 2**.

Figure 2: Another example X-Ray Image



## References

- [1] Trevor Hastie, Robert Tibshirani, and Jerome Friedman. *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*. Springer, New York, second edition, 2009.
- [2] P. Rajpurkar, J. Irvin, A. Bagul, D. Ding, T. Duan, H. Mehta, B. Yang, K. Zhu, D. Laird, R. L. Ball, C. Langlotz, K. Shpanskaya, M. P. Lungren, and A. Y. Ng. MURA: Large Dataset for Abnormality Detection in Musculoskeletal Radiographs. *ArXiv e-prints*, December 2017.