



# Deep Learning on SpiNNaker

*MASTER THESIS*

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### **Declaration**

I declare that this dissertation was composed by myself, that the work contained herein is my own except where explicitly stated otherwise in the text, and that this work has not been submitted for any other degree or professional qualification except as specified.

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August 2020

## **Abstract**

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Background</b>	<b>1</b>
2.1	An Introduction to Deep Learning . . . . .	1
2.2	Computer Vision: ImageNet and the ILSVRC . . . . .	1
2.3	Benchmarking Deep Learning Systems: The MLPerf Benchmark . . . . .	1
2.4	SpiNNaker as a Neuromorphic Computer Architecture . . . . .	1
<b>3</b>	<b>Deep Learning on SpiNNaker: SpiDNN</b>	<b>1</b>
<b>4</b>	<b>Benchmark</b>	<b>1</b>
<b>5</b>	<b>Discussion</b>	<b>1</b>
<b>6</b>	<b>Conclusion</b>	<b>1</b>
	<b>References</b>	<b>1</b>

## 1. Introduction

## 2. Background

### 2.1 An Introduction to Deep Learning

### 2.2 Computer Vision: ImageNet and the ILSVRC

### 2.3 Benchmarking Deep Learning Systems: The MLPerf Benchmark

### 2.4 SpiNNaker as a Neuromorphic Computer Architecture

## 3. Deep Learning on SpiNNaker: SpiDNN

## 4. Benchmark

## 5. Discussion

## 6. Conclusion