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UKRAINIAN CATHOLIC UNIVERSITY

MASTER THESIS

Neural architecture search: a probabilistic approach

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*A thesis submitted in fulfillment of the requirements
for the degree of Master of Science
in the*

Department of Computer Sciences
Faculty of Applied Sciences



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Declaration of Authorship

I, Volodymyr LUT, declare that this thesis titled, “Neural architecture search: a probabilistic approach” and the work presented in it are my own. I confirm that:

- This work was done wholly or mainly while in candidature for a research degree at this University.
- Where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.
- Where I have consulted the published work of others, this is always clearly attributed.
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- I have acknowledged all main sources of help.
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“Thanks to my solid academic training, today I can write hundreds of words on virtually any topic without possessing a shred of information, which is how I got a good job in journalism.”

Dave Barry

UKRAINIAN CATHOLIC UNIVERSITY

Faculty of Applied Sciences

Master of Science

Neural architecture search: a probabilistic approach

by Volodymyr LUT

Abstract

The Thesis Abstract is written here (and usually kept to just this page). The page is kept centered vertically so can expand into the blank space above the title too...

Acknowledgements

The acknowledgments and the people to thank go here, don't forget to include your project advisor...

Contents

List of Figures

List of Tables

List of Abbreviations

LAH List Abbreviations **Here**
WSF What (it) Stands For

Physical Constants

Speed of Light $c_0 = 2.997\,924\,58 \times 10^8 \text{ m s}^{-1}$ (exact)

List of Symbols

a	distance	m
P	power	W (J s ⁻¹)
ω	angular frequency	rad

For/Dedicated to/To my...

Chapter 1

Introduction

1.1 History

Something on the topic

Appendix A

Code

A.1 Pseudocode

Something on the topic