

# Extra work for the *Introduction to Programming* course: Artificial Intelligence

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## **Preface**

This report presents a personal exploration into the practical application of machine learning principles using C++. It documents the journey of constructing a basic neural network from scratch, emphasizing the direct application of classroom knowledge in a real-world context. This project aims to demonstrate the power of foundational programming skills in creating complex systems and to serve as a stepping stone for future endeavors in the field of machine learning.

## **1 Introduction**

## References