$Compiling \ Open QASM \ on \ a \ Neutral \ Atom \\ Quantum \ Computer$

Thesis Proposal

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1 Introduction

Brief intro to Quantum Computing and different approaches

1.1 Neutral Atom Quantum Computers

NAQC in more detail : advantages/disadvantages vs other QC

1.2 OpenQASM: Universal "Quantum Code"

Same code for different QC architectures, challenges, compilation on other QCs.

1.3 QASM on NAQC

Overview on what has been done and can be used to compile QASM on NAQC

2 Project Objective

Objective lorem ipsum.

3 Methodology

Project Impact lorem ipsum.

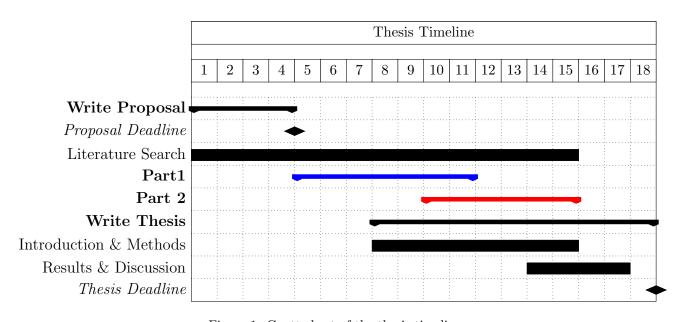


Figure 1: Gantt chart of the thesis timeline

4 Project Impact

Project Impact lorem ipsum.

5 Ethical Considerations

Ethics lorem ipsum