



JACOBS
UNIVERSITY

On the Possibility of the Impossible

by

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Bachelor Thesis Proposal in Computer Science

Prof. V. Confused

Name and title of the supervisor

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Jacobs University — Focus Area Mobility

With my signature, I certify that this thesis has been written by me using only the indicated resources and materials. Where I have presented data and results, the data and results are complete, genuine, and have been obtained by me unless otherwise acknowledged; where my results derive from computer programs, these computer programs have been written by me unless otherwise acknowledged. I further confirm that this thesis has not been submitted, either in part or as a whole, for any other academic degree at this or another institution.

Signature

Place, Date

Abstract

Consider this a separate document, although it is submitted together with the rest. The abstract aims at another audience than the rest of the proposal. It is directed at the final decision maker or generalist, who typically is not an expert at all in your field, but more a manager kind of person. Thus, don't go into any technical description in the abstract, but use it to motivate the work and to highlight the importance of your project.

(target size: 15-20 lines)

Contents

1 Introduction

This, like the rest, addresses fellow experts from your field (but not from your particular topic of research). Here you should technically connect to the main concepts from that field and give an outline of your project, stating the research/engineering question that you want to get answered by your project.

(target size: 1 page)

2 Statement and Motivation of Research

This part should make clear which question, exactly, you are pursuing, and why your project is relevant/interesting. This is the place to cite relevant literature. Where does your project extend the state of the art? what weaknesses in known approaches to you hope to overcome? If you have carried out preliminary experiments, describe them here.

(target size: 3-5 pages)

3 Planned Investigation

This is the technical core of the proposal. Here you lay out your plans of how you want to answer your research question specify your design of experiments or simulations, point out difficulties that you expect to encounter, etc.

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4 Evaluation Criteria

This section discusses criteria which can be used to evaluate the research results and which can be used to related research results to the already known state-of-the-art.

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5 Timeline

Here you break down the research activity into smaller steps which will then guide you during the guided research work. Try to define realistic milestones.

(target size: 1/2 page)

6 Conclusions

Summarize the main aspects of the proposal.

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