MS Thesis Proposal

Title TBD

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Abstract

This should be a short description of the work and the results: a paragraph or two summarizing your project proposal. Note that an abstract is meant to be read independently from the rest of the project report so you cannot cite your paper or other papers in it. It would be useful to examine other abstracts in the many papers you have read to understand what an abstract really is.

1 Introduction

This part of the proposal should be a couple of paragraphs that describe the reason for your proposal and your project/thesis area at high level.

2 Background

This section should be sufficient for the reader to understand the project area and the relevance of your efforts in the world of computer science. The description here should be provide the motivation to the reader that you are exploring a problem area that is relevant to the CS community.

3 Related Work

Describe what work others have already done in this area. You do need several citations, and this is how you cite a book by Silberschatz [2] etc [1]

4 Hypothesis

Summarize what you think the problem is, and what your hypothesis is. Here is a small example based on a successful project by Priyanka Sinha: "Using one technique for schema matching does not seem adequate. The hypothesis underlying this sproject is that a holistic approach to schema matching based on the three techniques described earlier would do an effective approach to schema matching."

Additional description to circumscribe the work so that the reader knows what you plan to do to establish your hypothesis.

5 Solution Design and Implementation

Describe how you plan to design and implement a solution.

You must also describe how you would use your solution to establish the validity of your hypothesis. Explain the measurements you plan to conduct and how these would establish the validity (or invalidity) of your hypothesis.

6 Roadmap

Here you need to describe your project plan, with dates and deliverables.

You must review the CS graduate handbook for details, and yes, make sure you also address all of the handbook's requirements for a proposal.

References

[1] Patrick Cozzi and Kevin Ring. *3D Engine Design for Virtual Globes*, chapter 5. CRC Press, 1st edition, June 2011. `http://www.virtualglobebook.com`.

[2] Andrew Thall. Extended-precision floating-point numbers for gpu computation. unpublished.