

# Thesis Proposal: ADD TITLE HERE

by

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A thesis proposal, submitted to the faculty of Brigham Young University in partial fulfillment of the requirements for the degree of Master of Science.

Department of Computer Science

Brigham Young University

September 15, 2014

## **Abstract**

Keep it around 150 words please.

### **1 Introduction**

What are you going to do [?]?

### **2 Thesis Statement**

The slice and dice algorithm, in the context of the JPF model checker, will explore fewer states on average before error discovery than other state of the art algorithms to mitigate state explosion in scheduling non-determinism including POR, heuristic guided search, and K-bounded delay, over a set of commonly accepted benchmark programs.

### **3 Related Work**

### **4 Project Description**

Add your project description here.

### **5 Validation**

Add stuff.

### **6 Thesis Schedule**

The following schedule is an outline of submission dates for my Master's Thesis:

Submission to Advisor: February 8, 2014

Submission to Committee Members: February 22, 2014

Master's Thesis Defense: April 4, 2014

BRIGHAM YOUNG UNIVERSITY  
GRADUATE COMMITTEE APPROVAL

of a thesis proposal submitted by

Eric S. Noonan

This thesis proposal has been read by each member of the following graduate committee and by majority vote has been found to be satisfactory.

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Eric Mercer, Chair

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Date

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Jay McCarthy

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Date

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Mark Clement

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Date

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Quinn Snell, Graduate Coordinator

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Date