#### Simplified and Inexpensive Mobile Digital Forensic Device

A Thesis Presented to

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California State University Channel Islands

In (Partial) Fulfillment

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Masters of Science in Computer Science

by

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#### APPROVED FOR MS IN COMPUTER SCIENCE

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# Simplified and Inexpensive Mobile Digital Forensic Device

Eric Elwood Gentry May 7, 2018

Abstract

# Contents

1	Introduction	1
2	Background 2.1 Review Material and Analysis	<b>2</b>
3	Conclusion and future work	3

# List of Figures

## 1 Introduction

#### 2 Background

#### 2.1 Review Material and Analysis

Testing the harmonised digital forensic investigation process model-using an Android mobile phone [8]

Forensic analysis of iPhone backups [9]

Forensic analysis of social networking applications on mobile devices [1]

A practical and robust approach to coping with large volumes of data submitted for digital forensic examination [10]

Jailbroken iPhone Forensics for the Investigations and Controversy to Digital Evidence [2]

Methods and tools of digital triage in forensic context: survey and future directions [6]

Current challenges and future research areas for digital forensic investigation [7]

A survey of digital forensic investigator decision processes and measurement of decisions based on enhanced preview [5]

Forensic examination of digital evidence: a guide for law enforcement [3]

Tiered forensic methodology model for Digital Field Triage by non-digital evidence specialists [4]

## 3 Conclusion and future work

Your work goes here

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