Development of Dynamic Analysis Algorithms for SQL Injection

A thesis submitted in partial fulfillment of the Requirements for the degree of M.Sc in Computer Science

Prepared by:
Musab Mohamed Alfatih Yousif

Supervisor:
Dr. Ahmed Khalid Ahmed.

March 2011
Chapter One

INTRODUCTION
Chapter Two

SOFTWARE SECURITY
Chapter Three

SQL INJECTION VULNERABILITY
Chapter Four

THE PROPOSED ALGORITHM DESIGN
Chapter Five

THE PROPOSED
ALGORITHM
IMPLEMENTATION
AND TESTING
CONCLUSION
RECOMMENDATIONS
AND FUTURE WORKS