Sudan University of Science and Technology
College of Graduated Studies
College of Computer Science & Information Technology
Department of Computer Science

Enhancing Hybrid Intrusion Detection and Prevention System for Flooding Attacks
Using Decision Tree

Submitted in accordance with the requirements for
the degree of Master in Computer Science

By:
Mofti Rafie Abdel-Ghani Ahmed

Supervisor:
Dr. Faisal Mohamed Abdalla Ali

March 2019
تحسين نظام الاختراق الهجين لأكتشاف ومنع هجمات الفيضان باستخدام شجرة القرار

قدم هذا البحث لنيل درجة الماجستير في علوم الحاسوب

إعداد الدارس:
مفتى رفيع عبدالغني احمد

إشراف:
د. فيصل محمد عبدالله علي

مارس 2019
DECLARATION

I hereby declare that the project work entitled “Enhancing Hybrid Intrusion Detection and Prevention System for Flooding Attacks Using Decision Tree “submitted to the Sudan university of science and technology to college of graduated studies to faculty of computer science and information technology to department of computer science , is a record of an original work done by me under the guidance of my supervisor Dr. Faisal Mohamed Abdallah , and this project work is submitted in the partial fulfillment of the requirements for the award of the degree of Master in Computer Science. The results embodied in this thesis have not been submitted to any other university for the award of any degree.

By
Mofti Rafie Abdel-Ghani Ahmed

Dr. Faisal Mohamed Abdalla Ali
Supervisor