

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

TOWARDS EXPLAINABILITY IN MACHINE LEARNING FOR MALWARE DETECTION

By
SHAMIK BOSE

A Dissertation submitted to the
Department of Computer Science
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

2020

Shamik Bose defended this dissertation on October 30, 2020.
The members of the supervisory committee were:

Xiuwen Liu
Professor Directing Dissertation

Ming Yu
University Representative

David Whalley
Committee Member

Zhi Wang
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.