

# **UNIVERSITY OF SOUTH FLORIDA**

## **Defense of a Doctoral Dissertation**

Countermeasure Against Various Network Attacks Using Machine Learning Methods

by

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For the Ph.D. degree in Computer Science and Engineering

With the rapid development of the computer network, our life is already inseparable from it. Wi-Fi has been used everywhere, more and more devices have been connected to the internet, and many companies and individual tend to store their data and information online. Furthermore, it is now very convenient to communicate with each other through email and text messages.