

Technical Inspection Checklist

For an Intrusion Detection System using a Neural Network

Version 1.0

Submitted in partial fulfillment of the requirements of the degree of MSE

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1 Introduction

This document will provide the technical inspection checklist for the PyIDS – a python interpretation of an intrusion detection system. The intrusion detection system is a single component itself but consists of several pieces that work together to perform the required functionality. This document will detail the inspection checklist for the two technical inspectors. The technical inspectors should follow this document to properly perform their analysis of the PyIDS.

2 Items to be Inspected

The following items shall be inspected for consistency and accuracy.

1. Executable Prototype

This will effectively be a coding peer review. The main points of interest will be documented in Section 4.

3 Technical Inspectors

- Tracy Marshall
- Keith Moyer

4 Technical Inspection Checklist

Inspection Item	Pass/Fail	Comments
Does the code work and perform the intended task?		
Is the code easily readable?		
Is there duplicated code?		
Is the code modular?		
Are there unused variables or functions?		
Is there commented out code?		
Are all debugging statements removed?		
Are variable and function names meaningful?		