ABBREVIATIONS

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| IoT | Internet of Things |
| AI | Artificial Intelligence |
| NS3 | Network Simulator 3 |
| DDoS | Distributed Denial of Service |
| GNN | Graph Neural Networks |
| SYN Flood | Synchronize Flood |
| XML | Extensible Markup Language |
| CSV | Comma-Separated Values |
| IP | Internet Protocol |
| SMOTE | Synthetic Minority Oversampling Technique |
| NetAnim | Network Animator |
| UDP | User Datagram Protocol |
| TCP | Transmission Control Protocol |
| GCN | Graph Convolution Network |
| IDS | Intrusion Detection System |
| SIEM | Security Information and Event Management |