Table of contents provided by Syndetics

- Foreword (p. v)
- Acknowledgement (p. vii)
- 1 A Deep Learning-Based System for Network Cyber Threat Detection (p. 1)
- 2 Machine Learning for Phishing Detection and Mitigation (p. 26)
- Series Preface (p. ix)
- **Preface** (p. xi)
- 3 Next Generation Adaptable Opportunistic Sensing-Based Wireless Sensor Networks: A Machine Learning Perspective (p. 48)
- 4 A Bio-inspired Approach to Cyber Security (p. 75)
- 6 A Deep-dive on Machine Learning for Cyber Security Use Cases (p. 122)
- 7 A Prototype Method to Discover Malwares in Android-based Smartphones Through System Calls (p. 159)
- 8 Metaheuristic Algorithms-based Feature Selection Approach for Intrusion Detection (p. 184)
- 9 A Taxonomy of Bitcoin Security Issues and Defense Mechanisms (p. 209)
- 10 Early Detection and Prediction of Lung Cancer using Machine-learning Algorithms Applied on a Secure Healthcare Data-system Architecture (p. 233)
- 12 Detecting Controller Interlock-based Tax Evasion Groups in a Corporate Governance Network (p. 278)
- 13 Defending Web Applications against JavaScript Worms on Core Network of Cloud Platforms (p. 290)
- 14 Importance of Providing Incentives and Economic Solutions in IT Security (p. 320)
- 15 Teaching Johnny to Thwart Phishing Attacks: Incorporating the Role of Selfefficacy into a Game Application (p. 337)
- **Index** (p. 351)
- 11 Preventing Black Hole Attack in Aodv Routing Protocol using Dynamic Trust Handshake-based Malicious Behavior Detection (p. 258)
- 5 Applications of a Model to Evaluate and Utilize Users' Interactions in Online Social Networks (p. 105)