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Book Title: Advanced Smart Computing Technologies in Cybersecurity and Forensics (ASCTCSF2021)

Publisher: CRC Press, Taylor & Francis Group, USA

Scope of the Book:

The advanced practices of Cybersecurity and Forensics are being used with other technologies that are solving real-life problems. In addition, how it is making the already existing solution more secure in order to help things smart and easy to use for humankind. This book will assume an essential job in extemporizing human life all things considered. All the specialists and experts will be exceptionally profited from those who are working in the field of Cybersecurity and Forensics, the Internet of Things, and Artificial Intelligence. This book would be a decent assortment of best in class approaches for Cybersecurity and Forensics, Internet of Things, and Cybersecurity. It will be valuable for new scientists and specialists working in the field to rapidly know the best performing strategies. They would have the option to analyze various methodologies and can convey forward their examination in the most significant region of research, which has a direct effect on the improvement of human life. The book will be helpful for security professionals, academicians, scientists, advanced-level students, Penetration Testers, and researchers working in the field of Cybersecurity and Forensics.

Topics to be discussed in this book include (but are not limited to) the following:

- *Cybersecurity Governance and compliance*
- Security policies, Risk analysis and management
- Vulnerability Assessment and Penetration Testing
- Cybersecurity for Artificial Intelligence
- Cybersecurity for Big Data
- Cybersecurity for Internet of Things
- Privacy and Anonymity in TOR Network
- Security Challenges in Blockchain Technology
- Threat modeling and Security architectures
- Advanced Penetration Testing
- Mobile Forensics
- Defense in depth, Monitoring and real time supervision
- Security issues and challenges in cloud computing
- Perimeter security
- Safety-security interactions
- Cyber security engineering
- Advanced Malware Forensics
- Secure communication protocols in Internet of Things
- Web and Application Security
- Incident Response and Digital
- Forensics for ICS/CPS

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