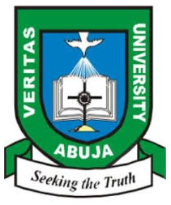
**VERITAS UNIVERSITY, ABUJA**

**FACULTY OF NATURAL & APPLIED SCIENCES**

**COMPUTER AND INFORMATION TECHNOLOGY DEPARTMENT**

**NUC RESOURCE VERIFICATION EXERCISE**

**LIST OF BOOKS FOR THE PROPOSED PGD, MSC AND PHD PROGRAMMES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/N** | **Book title** | **Author(s)** | **Pub. Date** | **Price**  **(USD)** |
|  | Writing for Computer Science 3rd ed. 2 | Justin Zobel | 2014 | 119.30 |
|  | Mastering Machine Learning Algorithms  Expert techniques for implementing popular machine learning algorithms, fine-tuning your models, and understanding how they work, 2nd Edition | Giuseppe Bonaccorso | 2020 | 136.27 |
|  | Wireless Networks and Communications | Samson Colon | 2019 | 140 |
|  | Managing Security Services in Heterogenous Networks Confidentiality, Integrity, Availability, Authentication, and Access Control | R.Thandeeswaran (Editor), Thinagaran Perumal (Editor), Kun Ma (Editor), N Jeyanthi (Editor) | 2020 | 80 |
|  | Machine Learning: A Complete Exploration of Highly Advanced Machine Learning Concepts, Best Practices and Techniques Paperback | Peter Bradley | 2019 | 15 |
|  | Unsupervised Feature Extraction Applied to Bioinformatics: A PCA Based and TD Based Approach (Unsupervised and Semi-Supervised Learning) 1st ed | Y-h. Taguchi | 2020 | 170 |
|  | Intelligent Computing, Information and Control Systems: ICICCS 2019 (Advances in Intelligent Systems and Computing, 1039) | Pasumpon Pandian (Editor), Klimis Ntalianis (Editor), Ram Palanisamy (Editor)  Springer | 2020 | 17 |
|  | Digital Image Processing: Image Enhancement with Feature Extraction Using DWT and Surface Roughness Prediction Using Neutral Network | Syed Jahangir Badashah | 2020 | 81 |
|  | Intelligent Control: A Hybrid Approach Based on Fuzzy Logic, Neural Networks and Genetic Algorithms (Studies in Computational Intelligence, 517) | Nazmul Siddique ( | 2013 | 154 |
|  | Linear Algebra and Optimization for Machine Learning | Charu C. Aggarwal | 2020 | 53 |
|  | Deep Learning in Computer Vision: Principles and Applications (Digital Imaging and Computer Vision) | Mahmoud Hassaballah (Editor), Ali Ismail Awad (Editor) | 2020 | 100 |
|  | Software Architecture in Practice (SEI Series in Software Engineering) | Len Bass (Author), Paul Clements (Author), Rick Kazman | 2020 | 48 |
|  | Cryptography (Springer Series) | Simon Rubinstein-Salzedo | 2018 | 28 |
|  | Security Engineering: A Guide to Building Dependable Distributed Systems 3rd Edition | Ross Anderson | 2020 | 52 |
|  | Enterprise Security Architecture: A Business-Driven Approach | Nicholas Sherwood (Author) | 2021 | 47 |
|  | Handbook of Software Engineering 1st ed. 2019 Edition | Sungdeok Cha (Editor), Richard N. Taylor (Editor), Kyochul Kang (Editor) | 2019 | 62 |
|  | Learn Robotics Programming: Build and control AI-enabled autonomous robots using the Raspberry Pi and Python, 2nd Edition 2nd ed. Edition | Lloyd Brombach | 2019 | 34 |
|  | Practical Robotics in C++: Build and Program Real Autonomous Robots Using Raspberry Pi (English Edition) | Lloyd Brombach | 2021 | 30 |
|  | Mastering ROS for Robotics Programming: Best practices and troubleshooting solutions when working with ROS, 3rd Edition | Lentin Joseph (Author), Jonathan Cacace | 2021 | 58 |
|  | Advanced Topics on Computer Vision, Control and Robotics in Mechatronics 1st ed. 2018 Edition | by Osslan Osiris Vergara Villegas (Editor), Manuel Nandayapa (Editor), Israel Soto (Editor | 2018 | 128 |
|  | Algebraic Curves in Cryptography (Discrete Mathematics and Its Applications) | San Ling (Author), Huaxiong Wang (Author), Chaoping Xing (Author) | 2019 | 15 |
|  | Simulated Annealing and Boltzmann Machines: A Stochastic Approach to Combinatorial Optimization and Neural Computing | Emile Aarts (Author), Jan Korst (Author) | 2009 | 453 |
|  | Integer Linear Programming in Computational and Systems Biology | David G. Luenberger (Author), Yinyu Ye (Author) | 2019 | 72 |
|  | Linear and Nonlinear Programming | David G. Luenberger (Author), Yinyu Ye (Author) | 2021 | 95 |
|  | Blockchain Security in Cloud Computing (EAI/Springer Innovations in Communication and Computing) 1st ed. 2022 Edition | K.M. Baalamurugan (Editor), S. Rakesh Kumar (Editor), Abhishek Kumar (Editor), Vishal Kumar (Editor), & 1 more | 2022 | 180 |
|  | Deep Learning (The MIT Press Essential Knowledge series) Illustrated Edition) | John D. Kelleher (Auth | 2019` | 12 |
|  | Cloud Computing: Cloud Concepts; Methodology, Network Architecture | Hemanand D (Author), Chembian W T (Author), Vallem Ranadheer Reddy (Author | 2021 | 90 |
|  | Database Design for Mere Mortals: 25th Anniversary Edition 4th Edition | Michael J Hernandez (Author) | 2020 | 43 |
|  | Transformers for Natural Language Processing: Build, train, and fine-tune deep neural network architectures for NLP with Python, Hugging Face, and OpenAI's GPT-3, ChatGPT, and GPT-4, 2nd Edition | Denis Rothman (Author), Antonio Gulli (Foreword) | 2022 | 33 |
|  | Quantum Computing for Computer Scientists Illustrated Edition | Noson S. Yanofsky (Author), Mirco A. Mannucci (Author) | 2008 | 82 |
|  | Smart Cities and Artificial Intelligence: Convergent Systems for Planning, Design, and Operations 1st Edition | Christopher Grant Kirwan (Author), Fu Zhiyong (Author) | 2020 | 88 |
|  | Artificial Intelligence and Games 1st ed. 2018 Edition | Georgios N. Yannakakis (Author), Julian Togelius (Author) | 2018 | 29 |
|  | Responsible Artificial Intelligence (Artificial Intelligence: Foundations, Theory, and Algorithms) | Dignum (Author) | 2019 | 100 |
|  | Scientific Computing: Vol. III - Approximation and Integration (Texts in Computational Science and Engineering, 20) | John A. Trangenstein (Author) | 2018 | 70 |
|  | An Introduction to the Analysis of Algorithms Illustrated 3 Edition | Soltys Michael (Author) | 2018 | 73 |
|  | Feature Engineering and Selection (Chapman & Hall/CRC Data Science Series) 1st Edition | Max Kuhn (Author), Kjell Johnson (Author) | 2021 | 47 |
|  | Generative Deep Learning: Teaching Machines to Paint, Write, Compose, and Play 1st Edition | David Foster (Author) | 2021 | 70 |
|  | Generative AI with Python and TensorFlow 2: Create images, text, and music with VAEs, GANs, LSTMs, Transformer models | by Joseph Babcock (Author), Raghav Bali (Author) | 2021 | 32 |
|  | Secure and Smart Internet of Things (IoT): Using Blockchain and AI 1st Edition | Ahmed Banafa (Author) | 2018 | 105 |
|  | Exploring Raspberry Pi: Interfacing to the Real World with Embedded Linux 1st Edition | Derek Molloy (Author) | 2016 | 22 |
|  | DIY Microcontroller Projects for Hobbyists: The ultimate project-based guide to building real-world embedded applications in C and C++ programming | Miguel Angel Garcia-Ruiz (Author), Pedro Cesar Santana Mancilla (Author) | 2021 | 42 |
|  | Make: Electronics: Learning by Discovery: A hands-on primer for the new electronics enthusiast 3rd Edition) | Charles Platt (Author | 2021 | 20 |
|  | Intelligence in IoT-enabled Smart Cities 1st Edition | Fadi Al-Turjman (Author | 2019 | 130 |
|  | Parallel Computing Architectures and APIs: IoT Big Data Stream Processing 1st Edition | Vivek Kale (Author) | 2019 | 141 |
|  | Advances on P2P, Parallel, Grid, Cloud and Internet Computing: Proceedings of the 15th International Conference on P2P, Parallel, Grid, Cloud and ... (Lecture Notes in Networks and Systems) 1st ed. 2021 Edition | Leonard Barolli (Editor), Makoto Takizawa (Editor), Tomoki Yoshihisa (Editor), Flora Amato (Editor), Makoto Ikeda (Editor) | 2020 | 330 |
|  | Cyber Security in Parallel and Distributed Computing: Concepts, Techniques, Applications and Case Studies 1st Edition | Raghvendra Kumar (Editor), Dac-Nhuong Le (Editor), Brojo Kishore Mishra (Editor), Jyotir Moy Chatterjee (Editor), & 1 more | 2019 | 204 |
|  | Cryptocurrencies and Blockchain Technology Applications 1st Edition | Gulshan Shrivastava (Author) | 2020 | 168 |
|  | 50+ Real World Applications of Blockchain: A beginner’s complete guide to Blockchain Fundamentals, Consensus Mechanisms, Smart Contracts, Web 3, ... Scaling Solutions, NFTs, Metaverse and more | Roohi Bansal (Author), Aman Gupta (Author) | 2021 | 18 |
|  | Mastering Blockchain: Inner workings of blockchain, from cryptography and decentralized identities, to DeFi, NFTs and Web3, 4th Edition 4th ed. Edition | Imran Bashir (Author) | 2023 | 50 |
|  | AI 2041: Ten Visions for Our Future | Kai-Fu Lee (Author), Chen Qiufan (Author) | 2021 | 22 |
|  | Ai Superpowers: China, Silicon Valley, and the New World Order | Kai-Fu Lee (Author) | 2021 | 15 |