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# **Software Projects:**

Cyber Security:

- 1, Secure and Lightweight User Authentication Scheme for Cloud-Assisted Internet of Things.
- 2, Image Security is Improved by Super Encryption using RSA and Chaos Algorithms.
- 3, A Comprehensive Study of Different Security Features in eBanking.
- 4, USMD: UnSupervised Misbehaviour Detection for Multi-Sensor Data.

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- 5, Security Analysis of Triangle Channel-Based Physical Layer Key Generation in Wireless Backscatter Communications.
- 6, Cyber-Physical Customer Management for Internet of Robotic Things-Enabled Banking.
- 7, Analysis Techniques Artificial intelligence for Detection of Cyber Security Risks in a Communication and Information Security.
- 8, Enhancing Cyber Resilience with AI-Powered Cyber Insurance Risk Assessment.
- 9, Analysis and Reflection on the Situation of Industrial Information Security Ransomware Attacks.
- 10, Raising Cyber Security Awareness to Reduce Social Engineering Through Social Media in Indonesia.

### **Artificial Intelligence**

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- 1, Depressive and Non-depressive Tweets Classification using a Sequential Deep Learning Model.
- 2, Sentiment-Polarity-Detection-Using-Machine-Learning-and-Deep-Learning.
- 3, Deep-Learning-Technology-in-Film-and-Television-Post-Production.
- 4, Traffic-Sign-Recognition-System-using-Ensemble-based-Deep-Learning-Models.
- 5, Fast-Prediction-for-Suspect-Candidates-from-Criminal-Networks.
- 6, YouTube-and-Movie-Recommendation-System-Using-Machine-Learning.
- 7, Cosmetic-Suggestion-based-on-Skin-Condition-using-Artificial-Intelligence.
- 8, Improve-Communication-Skills-using-AI.

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- 9, An-Intelligent-Music-Genre-Classification-Method-with-Feature-Extraction-based-on-Deep-Learning-Techniques.
- 10, AI--Based-mock-interview-evaluator:-An-emotion-and-confidence-classifier-model.
- 11, Artificial-Intelligence-Techniques-for-the-Forecasting-of-Crude-Oil-Price:-A-Literature-Review.
- 12, Framework-For-Predicting-Suicidal-Attempts-Using-Healthcare-Data-and-Artificial-Intelligence.
- 13, Artificial-Intelligence-for-Predicting-Mortality-Due-to-Sepsis.
- 14, Data-Pipeline-Design-for-Dangerous-Driving-Behavior-Detection-System.
- 15, Brain-Inspired-Remote-Sensing-Interpretation:-A-Comprehensive-Survey.

#### IOT

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- 1, Information-security-of-food-security.
- 2, Real-Time-Electricity-Bill-Management-System-Using-IoT.
- 3, Automatic Industrial Fault Detection and IoT based Remote Monitoring.
- 4, An-IoT-Based-Smart-Water-Contamination-Monitoring-System.
- 5, A-Smart-Air-Pollutants-Monitoring-System-Using-IOT-Technologies.

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### **Cloud Computing**

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- 1, Secure and Efficient Data Integrity Verification Scheme for Cloud Data Storage.
- 2, Cloud-based-E-Feedback-System-for-Hospitality-Industry.
- 3, Design-of-cloud-based-video-sharing-platform-using-Machine-Learning.
- 4, Enabling-Balanced-Data-Deduplication-in-Mobile-Edge-Computing.
- 5, The-Role-and-Potential-Applications-of-Cloud-Computing-in-the-Banking-Industry.
- 6, Global-Identification-Passport:-A-Unique-Cloud-based-Passport-Model.
- 7, An-evaluation-on-E-learning-with-Cloud-Computing.
- 8, A-Review-on-Adoption-of-Green-Cloud-Computing.
- 9, Software-Re-Engineering-using-Cloud-Computing-Platform.
- 10, An Integrated Scalable Framework for Cloud and IOT Based Green Healthcare System.
- 11, Efficient, Traceable and Privacy-Aware Data Access Control in Distributed Cloud-Based IOD Systems.
- 12, Achieving Decentralized and Dynamic SSO-Identity Access Management System for Multi-Application Outsourced in Cloud.
- 13, Point Cloud Adversarial Perturbation Generation for Adversarial Attacks.
- 14, Multi-Objective Grey Wolf Optimizer Algorithm for Task Scheduling in Cloud-Fog Computing.
- 15, Workload Allocation Toward Energy Consumption-Delay Trade-Off in Cloud-Fog Computing Using Multi-Objective NPSO Algorithm.

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#### Blockchain

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- 1, Blockchain-based-System-for-Secure-Storage-and-Sharing-of-Diabetics-Healthcare-Records.
- 2, Blockchain-Assisted-Personalized-Car-Insurance-With-Privacy-Preservation-and-Fraud-Resistance.
- 3, Securing-E-Passport-Management-Using-Private-Permissioned-Blockchain-and-IPFS.
- 4, Blockchain-Adoption-in-Food-Supply-Chains:-A-Systematic-Literature-Review-on-Enablers-Benefits-and-Barriers.
- 5, A-regulated-identity-management-system-based-on-blockchain-platform.
- 6, Privacy-and-Security-of-Healthcare-Data-in-Cloud-based-on-the-Blockchain-Technology.
- 7, Blockchain-Enabled-Applications-in-the-Education-Domain-and-Potential-Challenges.

#### **Machine Learning**

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- 1, Machine-Learning-Based-Patient-Classification-In-Emergency-Department.
- 2, A-framework-for-Labor-Market-Analysis-using-Machine-Learning.
- 3, Job-Applications-Selection-and-Identification:-Study-of-Resumes-with-Natural-Language-Processing-and-Machine-Learning.
- 4, Electricity-Price-Prediction-using-Machine-Learning.

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- 5, IoT-based-Illness-Prediction-System-using-Machine-Learning.
- 6, Bankruptcy-Prediction-Using-Machine-Learning:-A-New-Technological-Approach-to-Prevent-Corporate-Bankruptcy-Through-Well-Deployed-Streamlit-Based-Application.
- 7, Machine Learning Techniques for Sentiment Analysis of COVID-19 Related Twitter Data.
- 8, Phishing Detection System Through Hybrid Machine Learning Based on URL.
- 9, Crime Prediction Using Machine Learning and Deep Learning: A Systematic Review and Future Directions.
- 10, Fraud Detection in Online Payments using Machine Learning Techniques.
- 11, Deep CNN approach for Unbalanced Credit Card Fraud Detection Data.
- 12, Machine Learning Algorithms for Early Predicting Dropout Student Online Learning.
- 13, Study on Wind Forecasting for Beijing 2022 Winter Olympic Games Based on Unsupervised Machine Learning.
- 14, E-Commerce Product Review Classification based on Supervised Machine Learning Techniques.
- 15, IoT based Illness Prediction System using Machine Learning.

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