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Java/J2EE/Python/Matlab/Android/PHP (Transaction/Journal Papers)

Global Techno Solutions – GTS, a software development and solution providers concern renders technology solutions to a diverse range of customer. Beginning its journey in the field of information technology in the year 2003, GTS operates with the integrity to the highest standards of business conduct.

Key Benefits to Students:

- Internship Projects from industry Experts with 19 years of Experience.
- IEEE Latest Papers with Complete Documentation and Review Materials.
- Projects in wide range of Domains.
- Module wise Demo and Laptop Configuration.
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Knowledge and Data Mining

1. Real-Time Ambulance Redeployment A Data-Driven Approach (Preprint – 2020)
2. A Novel Biometric Inspired Robust Security Framework For Medical Images –Fingerprint Sensor (Preprint – 2020)
3. [Cross-domain Sentiment Encoding through Stochastic Word Embedding \(Oct – 2020\)](#)
4. [Enabling Ternary Hash Tree based Integrity Verification for Secure Cloud Data Storage \(Dec – 2020\)](#)
5. [ConcurDB: Concurrent Query Authentication for Outsourced Databases \(Preprint – 2020\)](#)
6. [Locally Balanced Inductive Matrix Completion for Demand-Supply Inference in Stationless Bike-Sharing Systems \(Dec – 2020\)](#)
7. [Conversion Prediction from Clickstream: Modeling Market Prediction and Customer Predictability \(Feb – 2020\)](#)
8. [Voice of Charity: Prospecting the Donation Recurrence & Donor Retention in Crowd funding \(Aug – 2020\)](#)
9. Analysis of University Fitness Center Data Uncovers Interesting Patterns, Enables Prediction – Smartcard kit (Aug – 2019)
10. [An Edge Intelligence Empowered Recommender System Enabling Cultural Heritage Applications \(Jul – 2019\)](#)
11. A New Robust Approach for Reversible Database Watermarking With Distortion Control – Fingerprint Sensor (Jun – 2019)
12. [Achieving Data Truthfulness and Privacy Preservation in Data Markets \(Jan – 2019\)](#)
13. Supervised Topic Modeling Using Hierarchical Dirichlet Process-Based Inverse Regression: Experiments on E-Commerce Applications (Jun-2018)
14. Personalized Search over Encrypted Data with Efficient and Secure Updates in Mobile Clouds (Mar-2018)
15. Clarifying Trust in Social Internet of Things (Feb-2018)

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Machine Learning - Java

16. [CVTM: a Content-Venue-Aware Topic Model for Group Event Recommendation \(Jul – 2020\)](#)
17. [Top-k Dominating Queries on Skyline Groups \(Jul – 2020\)](#)
18. [Automatic Question Tagging using k-Nearest Neighbors and Random Forest \(Conf – 2020\)](#)
19. [SPCSS: Social Network Based Privacy-Preserving Criminal Suspects Sensing \(Feb – 2020\)](#)
20. [DocFace+: ID Document to Selfie* Matching \(Jan – 2019\)](#)
21. Answering Natural Language Questions by Subgraph Matching over Knowledge Graphs (May – 2018)
22. [PurTreeClust: A Clustering Algorithm for Customer Segmentation from Massive Customer Transaction Data \(Mar-2018\)](#)

CLOUD COMPUTING – Amazon Web Services (AWS) Hosting for Specific Projects

23. [Crypt-DAC: Cryptographically Enforced Dynamic Access Control in the Cloud \(Preprint-2020\)](#)
24. [A Verifiable Semantic Searching Scheme by Optimal Matching over Encrypted Data in Public Cloud \(Preprint – 2020\)](#)
25. [Designing Secure and Efficient Biometric Based Secure Access Mechanism for Cloud Services \(Preprint – 2020\)](#)
26. [A Provably Secure and Lightweight Identity-Based Two-Party Authenticated Key Agreement Protocol for IIoT Environments \(Preprint – 2020\)](#)
27. [Similarity Search for Encrypted Images in Secure Cloud Computing \(Preprint – 2020\)](#)
28. [Crypt Cloud+: Secure and Expressive Data Access Control for Cloud Storage \(Preprint – 2020\)](#)
29. [Efficient Regular Language Search for Secure Cloud Storage \(Sep – 2020\)](#)
30. [Privacy-Preserving Outsourced Support Vector Machine Design for Secure Drug Discovery \(Jun – 2020\)](#)
31. [Toward Practical Privacy-Preserving Frequent Itemset Mining on Encrypted Cloud Data \(Mar – 2020\)](#)

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32. [Privacy Protection in Interactive Content Based Image Retrieval \(Jun – 2020\)](#)
33. [Heterogeneous Data Storage Management with Deduplication in Cloud Computing \(Sep – 2019\)](#)
34. [A Scalable Approach to Joint Cyber Insurance and Security-as-a-Service Provisioning in Cloud Computing \(Aug – 2019\)](#)
35. [OTPaaS—One Time Password as a Service \(Mar – 2019\)](#)
36. Registration Center Based User Authentication Scheme for Smart E-Governance Applications in Smart Cities – Rfid, Fingerprint (Jan – 2019)
37. A Privacy-Preserving Edge Computation-Based Face Verification System for User Authentication - Fingerprint Sensor , Camera (Feb – 2019)

HADOOP – Big Data

38. [On both Cold-Start and Long-Tail Recommendation with Social Data \(Jan – 2021\)](#)
39. Secure k-NN Query on Encrypted Cloud Data with Multiple Keys (Preprint – 2020)
40. [Personalized Market Basket Prediction with Temporal Annotated Recurring Sequences \(Nov – 2019\)](#)
41. [Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud \(Sep – 2019\)](#)
42. Reader Comment Digest Through Latent Event Facets and News Specificity (Aug – 2019)
43. Structural Balance Theory-based E-commerce Recommendation over Big Rating Data (Sep – 2018)

ANDROID Projects - Android Mobile with Wifi, Wifi Router Must

44. [BioTouchPass: Handwritten Passwords for Touchscreen Biometrics \(July – 2020\)](#)
45. [Smartphone-based Remote Monitoring Tool for e-Learning \(Jul – 2020\)](#)
46. ASAP: An Anonymous Smart-parking and Payment Scheme in Vehicular Networks –Sensor Kit (Aug – 2020)
47. AdCapsule: Practical Confinement of Advertisements in Android Applications (Jun – 2020)

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48. Spatial Blockchain-based Secure Mass Screening Framework for Children with Dyslexia (Nov-2018)
49. Pricing Data Tampering in Automated Fare Collection with NFC-equipped Smartphones – NFC Kit (May – 2019)
50. [CMAPS: A Chess-Based Multi-Facet Password Scheme for Mobile Devices \(Oct – 2018\)](#)
51. A Shoulder Surfing Resistant Graphical Authentication System (Apr-2018)

Block chain (Java and Python)

52. [Blockchain-Based Public Integrity Verification for Cloud Storage against Procrastinating Auditors \(Preprint – 2020\)](#)
53. [KiRTi: A Blockchain-based Credit Recommender System for Financial Institutions \(Preprint – 2021\)](#)
54. [Blockchain-Based Agri-Food Supply Chain: A Complete Solution \(Apr – 2020\)](#)
55. [Blockchain-Based Adaptive Trust Management in Internet of Vehicles Using Smart Contract \(Preprint – 2020\)](#)
56. [BEMPAS: A Decentralized Employee Performance Assessment System Based on Blockchain for Smart City Governance \(Jun – 2020\)](#)
57. Blockchain For Large-Scale Internet of Things Data Storage and Protection – Medical Kit (Oct – 2019)
58. [DL-Tags: DLT and Smart Tags for Decentralized, Privacy-Preserving, and Verifiable Supply Chain Management \(Apr – 2019\)](#)
59. NormaChain: A Blockchain-based Normalized Autonomous Transaction Settlement System for IoT-based E-commerce – Raspberry PI Kit (Jun – 2019)
60. Trustworthy Electronic Voting Using Adjusted Blockchain Technology – PHP – Fingerprint (Mar – 2019)

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Secure Computing

61. [Representing Fine-Grained Co-Occurrences for Behavior-Based Fraud Detection in Online Payment Services \(Preprint - 2020\)](#)

Internet of Things (Java/Python)

62. [A Blockchain and Edge Computing-based Secure Framework for Government Tender Allocation \(Preprint - 2021\)](#)
63. Near-Ultrasonic Communications for IoT Applications using Android Smartphone (Conf - 2021)
64. [COVID-SAFE: An IoT-Based System for Automated Health Monitoring and Surveillance in Post-Pandemic Life \(Oct - 2020\)](#)
65. Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques - Raspberry Pi Kit (Jan - 2020)
66. Enabling Privacy-assured Fog-based Data Aggregation in E-healthcare Systems - Medical Kit (Mar - 2021)
67. [Pystin: Enabling Secure LBS in Smart Cities with Privacy-Preserving Top-k Spatial-Textual Query \(Oct - 2019\)](#)
68. Machine Learning Based Network Vulnerability Analysis of Industrial Internet of Things - Sensor Kit (Aug - 2019)
69. [Security in vehicles with IoT by prioritization rules, vehicle certificates and trust management \(Aug - 2019\)](#)
70. Design and Implementation of an Android Application for Smart Shopping - Raspberry PI, Beacon Sensors (Conf - 2019)
71. A Development Architecture for the Intelligent Animal Care and Management System Based on the Internet of Things and Artificial Intelligence - Raspberry PI Kit. (Conf 2019)
72. An Efficient Sign Language Translator Device Using Convolutional Neural Network and Customized ROI Segmentation - Raspberry PI Kit.(Conf 2019)

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73. Design of Visual Navigation System of Farmland Tracked Robot Based on Raspberry Pie - Raspberry PI Kit.(Conf 2019)
74. Raspberry Pi based voice-operated personal assistant (Neobot) - Raspberry PI Kit.(Conf 2019)
75. Road Sign Recognition System for Autonomous Vehicle using Raspberry Pi - Raspberry PI Kit.(Conf 2019)
76. SMARISA A Raspberry Pi Based Smart Ring for Women Safety Using IoT - Raspberry PI Kit.(Conf 2019)
77. Watch & Do A Smart IoT Interaction System with Object Detection and Gaze Estimation - Raspberry PI Kit.(Trans May 2019)
78. Smart-Log: A Deep-Learning Based Automated Nutrition Monitoring System in the IoT - Weighing Sensor Kit (Aug – 2018)
79. SSL: Smart Street Lamp based on Fog Computing for Smarter Cities – Sensor Kit (Nov – 2018)
80. Credit Card Fraud Detection: A Novel Approach Using Aggregation Strategy and Feedback Mechanism – Smart Card Kit (Oct – 2018)
81. Fog Assisted- IoT Enabled Patient Health Monitoring in Smart Homes – Medical Kit (Jun – 2018)
82. IoT-Driven Automated Object Detection Algorithm for Urban Surveillance Systems in Smart Cities – Raspberry PI kit (Apr – 2018) Python

Internet Of Things

83. Internet of Things Mobile–Air Pollution Monitoring System (IoT-Mobair).(Trans June 2019)
84. IoT Based Intelligent Industry Monitoring System.(Conf 2019)
85. IoT Based Poultry House Monitoring.(Conf 2019)
86. Smart Waste Collection Monitoring and Alert System via IoT.(Conf 2019)
87. IoT based smart garbage monitoring & collection system using WeMos & Ultrasonic sensors.(Conf 2019)
88. Design and Implementation of an IoT based Automated Agricultural Monitoring and Control System.(Conf 2019)

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89. Smart IoT Monitoring System for Agriculture with Predictive Analysis.(Conf 2019)
90. Low Cost and Robust Field-Deployable Environmental Sensor for Smart Agriculture.(Conf 2019)
91. An IoT-based Sag Monitoring System for Overhead Transmission Lines.(Conf 2019)
92. A Smart Home Automation and Metering System using Internet of Things (IoT).(Conf 2019)
93. Automation Of Energy Meter And Building A Network Using IoT.(Conf 2019)
94. A Prototype Air Flow Control System for Home Automation Using MQTT Over Web socket in AWS IoT Core.(Conf 2019)
95. IoT Based HOME AUTOMATION Using Node red.(Conf 2019)
96. A Prototype Air Flow Control System for Home Automation Using MQTT Over Web socket in AWS IoT Core.(Conf 2019)
97. Web Monitoring And Speed Control Of Solar Based Bldc Motor With Iot.(Conf 2019)
98. Smart Assistance Library System for the Disabled: An IOT based User-Friendly Wheelchair.(Conf 2019)
99. An Analysis of Li-Fi based Prevalent Automated Billing Systems in Shopping Malls.(Conf 2019)
100. Automatic Vehicle Tracking with Roadside LiDAR Data for the Connected-Vehicles System.(Conf 2019)