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IEEE 2017-2018 JAVA PROJECTS

Project Code	IEEE 2017-18 JAVA Project Titles	Domain	Lang/Year
\$301	A Cross Tenant Access Control (CTAC) Model for Cloud Computing: Formal Specification and Verification	CLOUD COMPUTING	JAVA/2017
S302	A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing	CLOUD COMPUTING	JAVA/2017
\$303	A Modified Hierarchical Attribute-Based Encryption Access Control Method for Mobile Cloud Computing	CLOUD COMPUTING	JAVA/2017
\$304	A New Service Mechanism for Profit Optimizations of a Cloud Provider and Its Users	CLOUD COMPUTING	JAVA/2017
\$305	A Novel Efficient Remote Data Possession Checking Protocol in Cloud Storage	CLOUD COMPUTING	JAVA/2017
\$306	A robust reputation management mechanism in the federated cloud	CLOUD COMPUTING	JAVA/2017
\$307	Achieving Efficient and Secure Data Acquisition for Cloud- supported Internet of Things in Smart Grid	CLOUD COMPUTING	JAVA/2017
\$308	Achieving secure, universal, and fine-grained query results verification for secure search scheme over encrypted cloud data	CLOUD COMPUTING	JAVA/2017
\$309	Assessing Invariant Mining Techniques for Cloud-based Utility Computing Systems	CLOUD COMPUTING	JAVA/2017
\$310	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing	CLOUD COMPUTING	JAVA/2017
S311	Efficient and Expressive Keyword Search Over Encrypted Data in Cloud	CLOUD COMPUTING	JAVA/2017
S312	Fast Phrase Search for Encrypted Cloud Storage	CLOUD COMPUTING	JAVA/2017

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\$313	Identity-Based Data Outsourcing with Comprehensive Auditing in Clouds	CLOUD COMPUTING	JAVA/2017
S314	Identity-Based Encryption with Cloud Revocation Authority and Its Applications	CLOUD COMPUTING	JAVA/2017
\$315	Identity-Based Private Matching over Outsourced Encrypted Datasets	CLOUD COMPUTING	JAVA/2017
\$316	Identity-based Remote Data Integrity Checking with Perfect Data Privacy Preserving for Cloud Storage	CLOUD COMPUTING	JAVA/2017
\$317	On the Security of Data Access Control for Multi-authority Cloud Storage Systems	CLOUD COMPUTING	JAVA/2017
\$318	Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing	CLOUD COMPUTING	JAVA/2017
\$319	Privacy Protection based Access Control Scheme in Cloud-based Services	CLOUD COMPUTING	JAVA/2017
S320	Privacy-Preserving Multikeyword Similarity Search Over Outsourced Cloud Data	CLOUD COMPUTING	JAVA/2017
\$321	Provably Secure Key-Aggregate Cryptosystems with Broadcast Aggregate Keys for Online Data Sharing on the Cloud	CLOUD COMPUTING	JAVA/2017
S322	RAAC: Robust and Auditable Access Control with Multiple Attribute Authorities for Public Cloud Storage	CLOUD COMPUTING	JAVA/2017
S323	Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption	CLOUD COMPUTING	JAVA/2017
S324	Securing Cloud Data under Key Exposure	CLOUD COMPUTING	JAVA/2017
\$325	TAFC: Time and Attribute Factors Combined Access Control for Time-Sensitive Data in Public Cloud	CLOUD COMPUTING	JAVA/2017
S326	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud	CLOUD COMPUTING	JAVA/2017

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S327	Two-Cloud Secure Database for Numeric-Related SQL Range Queries with Privacy Preserving	CLOUD COMPUTING	JAVA/2017
S328	An Iterative Classification Scheme for Sanitizing Large-Scale Datasets	DATA MINING	JAVA/2017
S329	Analyzing Sentiments in One Go: A Supervised Joint Topic Modeling Approach	DATA MINING	JAVA/2017
S330	Collaborative Filtering-Based Recommendation of Online Social Voting	DATA MINING	JAVA/2017
S331	Computing Semantic Similarity of Concepts in Knowledge Graphs	DATA MINING	JAVA/2017
S332	Detecting Stress Based on Social Interactions in Social Networks	DATA MINING	JAVA/2017
S333	Dynamic Facet Ordering for Faceted Product Search Engines	DATA MINING	JAVA/2017
S334	Efficient Clue-based Route Search on Road Networks	DATA MINING	JAVA/2017
\$335	Efficient Keyword-aware Representative Travel Route Recommendation	DATA MINING	JAVA/2017
S336	Energy-efficient Query Processing in Web Search Engines	DATA MINING	JAVA/2017
S337	Generating Query Facets using Knowledge Bases	DATA MINING	JAVA/2017
\$338	Influential Node Tracking on Dynamic Social Network: An Interchange Greedy Approach	DATA MINING	JAVA/2017
S339	I-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items	DATA MINING	JAVA/2017
S340	Mining Competitors from Large Unstructured Datasets	DATA MINING	JAVA/2017
S341	Modeling Information Diffusion over Social Networks for Temporal Dynamic Prediction	DATA MINING	JAVA/2017
S342	Personal Web Revisitation by Context and Content Keywords with Relevance Feedback	DATA MINING	JAVA/2017

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S343	PPRank: Economically Selecting Initial Users for Influence Maximization in Social Networks	DATA MINING	JAVA/2017
S344	QDA: A Query-Driven Approach to Entity Resolution	DATA MINING	JAVA/2017
S345	Query Expansion with Enriched User Profiles for Personalized Search Utilizing Folksonomy Data	DATA MINING	JAVA/2017
S346	RAPARE: A Generic Strategy for Cold-Start Rating Prediction Problem	DATA MINING	JAVA/2017
S347	SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors	DATA MINING	JAVA/2017
S348	Towards Real-Time, Country-Level Location Classification of Worldwide Tweets	DATA MINING	JAVA/2017
S349	Trajectory Community Discovery and Recommendation by Multi- source Diffusion Modeling	DATA MINING	JAVA/2017
S350	Understand Short Texts by Harvesting and Analyzing Semantic Knowledge	DATA MINING	JAVA/2017
S351	User Vitality Ranking and Prediction in Social Networking Services: a Dynamic Network Perspective	DATA MINING	JAVA/2017
S352	User-Centric Similarity Search	DATA MINING	JAVA/2017
S353	When to Make a Topic Popular Again? A Temporal Model for Topic Re-hotting Prediction in Online Social Networks	DATA MINING	JAVA/2017
S354	An Overlay Architecture for Throughput Optimal Multipath Routing	NETWORKING	JAVA/2017
S355	FaceChange: Attaining Neighbor Node Anonymity in Mobile Opportunistic Social Networks With Fine-Grained Control	NETWORKING	JAVA/2017
S356	Network Capability in Localizing Node Failures via End-to-End Path Measurements	NETWORKING	JAVA/2017

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\$357	Privacy and Integrity Preserving Top-k Query Processing for Two- Tiered Sensor Network	NETWORKING	JAVA/2017
S358	Routing in Accumulative Multi-Hop Networks	NETWORKING	JAVA/2017
S359	SWEET: Serving the Web by Exploiting Email Tunnels	NETWORKING	JAVA/2017
S360	A Proxy-based Collaboration System to Minimize Content Download Time and Energy Consumption	MOBILE COMPUTING	JAVA/2017
S361	Detecting Mobile Malicious Webpages in Real Time	MOBILE COMPUTING	JAVA/2017
S362	Quantifying Interdependent Privacy Risks with Location Data	MOBILE COMPUTING	JAVA/2017
S363	Searching Trajectories by Regions of Interest	MOBILE COMPUTING	JAVA/2017
S364	SUPERMAN: Security Using Pre-Existing Routing for Mobile Ad hoc Networks	MOBILE COMPUTING	JAVA/2017
\$365	iASK: A Distributed Q&A System Incorporating Social Community and Global Collective Intelligence	PARALLEL AND DISTRIBUTED SYSTEMS	JAVA/2017
S366	A Credibility Analysis System for Assessing Information on Twitter	SECURE COMPUTING	JAVA/2017
\$367	Efficient and Privacy-preserving Min and k-th Min Computations in Mobile Sensing Systems	SECURE COMPUTING	JAVA/2017
S368	FastGeo: Efficient Geometric Range Queries on Encrypted Spatial Data	SECURE COMPUTING	JAVA/2017
S369	My Privacy My Decision: Control of Photo Sharing on Online Social Networks	SECURE COMPUTING	JAVA/2017
S370	Privacy-Preserving Selective Aggregation of Online User Behavior Data	SECURE COMPUTING	JAVA/2017
\$371	ProGuard: Detecting Malicious Accounts in Social-Network-Based Online Promotions	SECURE COMPUTING	JAVA/2017

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S372	Search Rank Fraud and Malware Detection in Google Play	SECURE COMPUTING	JAVA/2017
\$373	Towards Detecting Compromised Accounts on Social Networks	SECURE COMPUTING	JAVA/2017
S374	NetSpam: a Network-based Spam Detection Framework for Reviews in Online Social Media	INFORMATION FORENSICS & SECURITY	JAVA/2017
S375	Preventing Distributed Denial-of-Service Flooding Attacks with Dynamic Path Identifiers	INFORMATION FORENSICS & SECURITY	JAVA/2017
S376	Twitter Trends Manipulation: A First Look Inside the Security of Twitter Trending	INFORMATION FORENSICS & SECURITY	JAVA/2017
S377	A Distributed Publisher-Driven Secure Data Sharing Scheme for Information-Centric IoT	INTERNET OF THINGS (IoT)	JAVA/2017
S378	An Efficient and Fine-grained Big Data Access Control Scheme with Privacy-preserving Policy	INTERNET OF THINGS (IoT)	JAVA/201
S379	Efficient and Privacy-preserving Polygons Spatial Query Framework for Location-based Services	INTERNET OF THINGS (IoT)	JAVA/201
S380	Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems	INTERNET OF THINGS (IoT)	JAVA/201
S381	SPFM: Scalable and Privacy-preserving Friend Matching in Mobile Cloud	INTERNET OF THINGS (IoT)	JAVA/201
S382	Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud	BIG DATA	JAVA/201
S383	SocialQ&A: An Online Social Network Based Question and Answer System	BIG DATA	JAVA/201
S384	Automatic Generation of Social Event Storyboard from Image Click-through Data	IMAGE PROCESSING	JAVA/201
S385	Image Re-ranking based on Topic Diversity	IMAGE PROCESSING	JAVA/201
S386	Tri-Clustered Tensor Completion for Social-Aware Image Tag Refinement	IMAGE PROCESSING	JAVA/201

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S387	Two-Stage Friend Recommendation Based on Network Alignment and Series-Expansion of Probabilistic Topic Model	MULTIMEDIA	JAVA/2017
\$388	A System for Profiling and Monitoring Database Access Patterns by Application Programs for Anomaly Detection	SOFTWARE ENGINEERING	JAVA/2017
\$389	Improving Automated Bug Triaging with Specialized Topic Model	SOFTWARE ENGINEERING	JAVA/2017
\$390	Collaborative Filtering Service Recommendation Based on a Novel Similarity Computation Method	SERVICE COMPUTING (WEB SERVICES)	JAVA/2017
\$391	Transactional Behavior Verification in Business Process as a Service Configuration	SERVICE COMPUTING (WEB SERVICES)	JAVA/2017

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Cloud Computing

- 1. Optimizing Locality-Aware Memory Management of Key-Value Caches
- 2. Provably Secure Key-Aggregate Cryptosystems with Broadcast Aggregate Keys for Online Data Sharing on the Cloud
- 3. Correlation Modeling and Resource Optimization for Cloud Service with Fault Recovery
- 4. Achieving Privacy-friendly Storage and Secure Statistics for Smart Meter Data on Outsourced Clouds
- 5. Multimedia Processing Pricing Strategy in GPU-accelerated Cloud Computing
- 6. Quantitative Modeling and Analytical Calculation of Elasticity in Cloud Computing
- 7. Efficiently Translating Complex SQL Query to MapReduce Jobflow on Cloud

Information Forensics and Security

- 1. Deep Representation based feature extraction and recovering for Fingervein verification
- 2. Preventing Distributed Denial-of-Service Flooding Attacks with Dynamic Path Identifiers
- 3. NetSpam: a Network-based Spam Detection Framework for Reviews in Online Social Media

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4. Two-Cloud Secure Database for Numeric-Related SQL Range Queries with Privacy Preserving

Internet of Things

- 1. Achieving Efficient and Secure Data Acquisition for Cloud-supported Internet of Things in Smart Grid
- 2. Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems
- 3. A Privacy-preserving Vehicular Crowdsensing based Road surface Condition Monitoring System Using Fog Computing

Intelligent Transportation Systems

- 1. EAAP: Efficient Anonymous Authentication With Conditional Privacy-Preserving Scheme for Vehicular Ad Hoc Networks
- 2. A Multi-Agent Advanced Traveler Information System for Optimal Trip Planning in a Co-Modal Framework

Parallel and Distributed Systems

- 1. Optimal Symbiosis and Fair Scheduling in Shared Cache
- 2. Enabling Efficient and Reliable Transition from Replication to Erasure Coding for Clustered File Systems
- 3. Binary-Tree Based Estimation of File Requests for Efficient Data Replication

Dependable and Secure Computing

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- 1. MMBcloud -Tree: Authenticated Index for Verifiable Cloud Service Selection
- 2. Yes, Machine Learning Can Be More Secure! A Case Study on Android Malware Detection
- 3. On the Soundness and Security of Privacy-Preserving SVM for Outsourcing Data Classification
- 4. SADI: A Novel Model to Study the Propagation of Social Worms in Hierarchical Networks
- 5. A Scalable Approach to Joint Cyber Insurance and Security-as-a-Service Provisioning in Cloud Computing

Knowledge and Data Engineering

- 1. Majority Voting and Pairing with Multiple Noisy Labeling
- 2. Efficient Keyword-aware Representative Travel Route Recommendation
- 3. Detecting Stress Based on Social Interactions in Social Networks
- 4. Efficient Clue-based Route Search on Road Networks
- 5. Probabilistic Models For Ad Viewability Prediction On The Web
- 6. Large-scale Location Prediction for Web Pages
- 7. Modeling and Learning Distributed Word Representation with Metadata for Question Retrieval
- 8. Engagement dynamics and sensitivity analysis of YouTube videos

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9. Confusion-matrix-based Kernel Logistic Regression for Imbalanced Data Classification

Services Computing

- 1. A Hybrid Bio-Inspired Algorithm for Scheduling and Resource Management in Cloud Environment
- 2. Resource renting for periodical cloud workflow applications
- 3. Transactional Behavior Verification in Business Process as a Service Configuration
- 4. A semi-automatic and trustworthy scheme for continuous cloud service certification

Sustainable Computing

- 1. Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing
- 2. A Belief Rule Based Expert System for Datacenter PUE Prediction under Uncertainty
- 3. Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing

Networking

1. An Efficient Cloud Market Mechanism for Computing Jobs With Soft Deadlines

Security & Privacy

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1. Cloud Data Auditing Techniques with a Focus on Privacy and Security

Big Data

1. Service Rating Prediction by Exploring Social Mobile User's Geographical Locations