

FINAL YEAR PROJECTS

YEAR - 2017-2018



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Domains

PROJECT SUPPORTS & DELIVERABLES

- ❖ Project Abstract
- ❖ IEEE Paper
- ❖ PPT / Review Details
- ❖ Project Report
- ❖ Code Explain
- ❖ Project Certification

TECHNOLOGY JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: IMAGE PROCESSING

S.NO	CODE	PROJECT TITLES	YEAR
01	IP 01	A Robust and Efficient Approach to License Plate Detection	2017
02	IP 02	Backward Registration Based Aspect Ratio Similarity (ARS) for Image Retargeting Quality Assessment	2017
03	IP 03	Beyond a Gaussian Denoiser Residual Learning of Deep CNN for Image Denoising	2017
04	IP 04	Blind Facial Image Quality Enhancement Using Non-Rigid Semantic Patches	2017
05	IP 05	Clearing the Skies A Deep Network Architecture for Single-Image Rain Removal	2017
06	IP 06	Comments on “Steganography Using Reversible Texture Synthesis”	2017
07	IP 07	Correlated Topic Vector for Scene Classification	2017
08	IP 08	Detail-Enhanced Multi-Scale Exposure Fusion	2017
09	IP 09	Discriminant Context Information Analysis for Post-Ranking Person Re-Identification	2017
10	IP 10	Discriminative Elastic-Net Regularized Linear Regression	2017
11	IP 11	Discriminative Multi-View Interactive Image Re-Ranking	2017
12	IP 12	Enhanced Just Noticeable Difference Model for Images with Pattern Complexity	2017

13	IP 13	Fast Bayesian JPEG Decompression and Denoising With Tight Frame Priors	2017
14	IP 14	Graph-Driven Diffusion and Random Walk Schemes for Image Segmentation	2017
15	IP 15	Haze Removal Using the Difference- Structure-Preservation Prior	2017
16	IP 16	Joint Defogging and De-mosaicking	2017
17	IP 17	Latent Semantic Minimal Hashing for Image Retrieval	2017
18	IP 18	Learning Multilayer Channel Features for Pedestrian Detection	2017
19	IP 19	Learning Short Binary Codes for Large-scale Image Retrieval	2017
20	IP 20	Learning to Hash with Optimized Anchor Embedding for Scalable Retrieval	2017
21	IP 21	Linear Spectral Clustering Super-pixel	2017
22	IP 22	Object-Based Multiple Foreground Segmentation in RGBD Video	2017
23	IP 23	Pairwise Operator Learning for Patch-Based Single-Image Super-Resolution	2017
24	IP 24	Person Re-Identification via Distance Metric Learning with Latent Variables	2017
25	IP 25	Predicting the Quality of Fused Long Wave Infrared and Visible Light Images	2017
26	IP 26	RGBD Salient Object Detection via Deep Fusion	2017
27	IP 27	Robust and Low-Rank Representation for Fast Face Identification with Occlusions	2017

28	IP 28	Robust Depth-Based Person Re-Identification	2017
29	IP 29	Robust Head-Pose Estimation Based on Partially-Latent Mixture of Linear Regressions	2017
30	IP 30	Robust Image Graph Rank-Level Feature Fusion for Image Search	2017
31	IP 31	Robust Multi-Exposure Image Fusion A Structural Patch Decomposition Approach	2017
32	IP 32	Selective Convolutional Descriptor Aggregation for Fine-Grained Image Retrieval	2017
33	IP 33	Semi-Supervised Multi-View Discrete Hashing for Fast Image Search	2017
34	IP 34	Semi-Supervised Sparse Representation Based Classification for Face Recognition with Insufficient Labeled Samples	2017
35	IP 35	Single Image Super-Resolution via Adaptive High-Dimensional Non-Local Total Variation and Adaptive Geometric Feature	2017
36	IP 36	Single-Scale Fusion an Effective Approach to Merging Images	2017
37	IP 37	Structure-Based Low-Rank Model with Graph Nuclear Norm Regularization for Noise Removal	2017
38	IP 38	Structure-From-Motion in Spherical Video Using the von Mises-Fisher Distribution	2017
39	IP 39	The Shape Interaction Matrix-Based Affine Invariant Mismatch Removal for Partial-Duplicate Image Search	2017
40	IP 40	Toward More Accurate Iris Recognition Using Cross-	2017

		Spectral Matching	
41	IP 41	Variational Bayesian Approach to Multi-Frame Image Restoration	2017
42	IP 42	Video Anomaly Detection with Compact Feature Sets for Online Performance	2017
43	IP 43	Video Saliency Detection via Spatial-Temporal Fusion and Low-Rank Coherency Diffusion	2017
44	IP 44	A Hierarchical Approach for Rain or Snow Removing in a Single-Color Image	2017
45	IP 45	Features Classification Forest: A Novel Development that is Adaptable to Robust Blind Watermarking Techniques	2017
46	IP 46	Single Image Rain Streak Decomposition Using Layer Priors	2017
47	IP 47	Simultaneous Feature and Dictionary Learning for Image Set Based Face Recognition	2017

TECHNOLOGY : JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: DATA MINING

S.NO	CODE	PROJECT TITLES	YEAR
01	DM 01	Online Multi-Task Learning Framework for Ensemble Forecasting	2017
02	DM 02	A Unified Framework for Metric Transfer Learning	2017
03	DM 03	A Semi-NMF-PCA Unified Framework for Data Clustering	2017

04	DM 04	Unsupervised Visual Hashing with Semantic Assistant for Content-Based Image Retrieval	2017
05	DM 05	pSCAN Fast and Exact Structural Graph Clustering	2017
06	DM 06	Scalable Iterative Classification for Sanitizing Large-Scale Datasets	2017
07	DM 07	Spectral Ensemble Clustering via Weighted K-Means Theoretical and Practical Evidence	2017
08	DM 08	Fully Scalable Methods for Distributed Tensor Factorization	2017
09	DM 09	Feature Selection by Maximizing Independent Classification Information	2017
10	DM 10	Causal Decision Trees	2017
11	DM 11	Computing Semantic Similarity of Concepts in Knowledge Graphs	2017
12	DM 12	Fast and Exact Structural Graph Clustering	2017
13	DM 13	Guided HTM Hierarchical Topic Model with Dirichlet Forest Priors	2017
14	DM 14	Incremental Subgraph Feature Selection for Graph Classification	2017

TECHNOLOGY : JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: NETWORKING

S.NO	CODE	PROJECT TITLES	YEAR
01	NET 01	A New Constant Factor Approximation to Construct	2017

		Highly Fault-Tolerant Connected Dominating Set in Unit Disk Graph	
02	NET 02	Accurate Per-Packet Delay Tomography in Wireless Ad Hoc Networks	2017
03	NET 03	Adaptive Influence Maximization in Dynamic Social Networks	2017
04	NET 04	Delay Network Tomography Using a Partially Observable Bivariate Markov Chain	2017
05	NET 05	Enabling Network Anti-Inference via Proactive Strategies a Fundamental Perspective	2017
06	NET 06	Improved Utility-Based Congestion Control for Delay-Constrained Communication	2017
07	NET 07	Network Capability in Localizing Node Failures via End-to-End Path Measurements	2017
08	NET 08	On the Problem of Optimal Path Encoding for Software-Defined Networks	2017
09	NET 09	Optimally Approximating the Coverage Lifetime of Wireless Sensor Networks	2017
10	NET 10	Pandas: Robust Locality-Aware Scheduling with Stochastic Delay Optimality	2017
11	NET 11	Capacity of Hybrid Wireless Networks with Long-Range Social Contacts Behavior	2017
12	NET 12	Energy Harvesting Wireless Sensor Node with Temporal Death: Novel Models and Analyses	2017
13	NET 13	Approximation Algorithm for Minimum Weight Fault-Tolerant Virtual Backbone in Unit Disk Graphs	2017

14	NET 14	Accurate and Generic Sender Selection for Bulk Data Dissemination in Low-Power Wireless Networks	2017
15	NET 15	Face Change: Attaining Neighbor Node Anonymity in Mobile Opportunistic Social Networks with Fine-Grained Control	2017

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DOMAIN: MOBILE COMPUTING

S.NO	CODE	PROJECT TITLES	YEAR
01	MC 01	Analysis of Multi-Hop Probabilistic Forwarding for Vehicular Safety Applications on Highways	2017
02	MC 02	Design and Analysis of an Efficient Friend-to-Friend Content Dissemination System	2017
03	MC 03	DIVERT A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance	2017
04	MC 04	GDVAN A New Greedy Behavior Attack Detection Algorithm for VANETs	2017
05	MC 05	GreenCoMP Energy-Aware Cooperation for Green Cellular Networks	2017
06	MC 06	MoZo A Moving Zone Based Routing Protocol Using Pure V2V Communication in VANETs	2017
07	MC 07	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink	2017
08	MC 08	Online Throughput Maximization for Energy Harvesting	2017

		Communication Systems with Battery Overflow	
09	MC 09	SEND A Situation-Aware Emergency Navigation Algorithm with Sensor Networks	2017
10	MC 10	Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs	2017
11	MC 11	Utility Maximization for Multimedia Data Dissemination in Large-Scale VANETs	2017
12	MC 12	Virtual Multipath Attack and Defense for Location Distinction in Wireless Networks	2017
13	MC 13	Delay Analysis and Routing for Two-Dimensional VANETs Using Carry-and-Forward Mechanism	2017
14	MC 14	General Framework for Network Throughput Maximization in Sink-Based Energy Harvesting Wireless Sensor Networks	2017
15	MC 15	Load-Balanced Opportunistic Routing for Duty-Cycled Wireless Sensor Networks	2017

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DOMAIN: CLOUD COMPUTING

S.NO	CODE	PROJECT TITLES	YEAR
01	CC 01	A Declarative Optimization Engine for Resource Provisioning of Scientific Workflows in Geo-Distributed Clouds	2017
02	CC 02	Application Scheduling, Placement, and Routing for Power	2017

		Efficiency in Cloud Data Centers	
03	CC 03	Cost Minimization Algorithms for Data Center Management	2017
04	CC 04	Efficient Resource Constrained Scheduling Using Parallel Two-Phase Branch-and-Bound Heuristics	2017
05	CC 05	LazyCtrl A Scalable Hybrid Network Control Plane Design for Cloud Data Centers	2017
06	CC 06	PLAN Joint Policy- and Network-Aware VM Management for Cloud Data Centers	2017
07	CC 07	Privacy-Aware Scheduling SaaS in High Performance Computing Environments	2017
08	CC 08	Using MinMax-Memory Claims to Improve In-Memory Workflow Computations in the Cloud	2017
09	CC 09	Workflow Scheduling in Multi-Tenant Cloud Computing Environments	2017
10	CC 10	Energy-Aware Load Balancing and Application Scaling for the Cloud Ecosystem	2017
11	CC 11	Energy-Aware Scheduling of Embarrassingly Parallel Jobs and Resource Allocation in Cloud	2017
12	CC 12	Optimizing Cloud-Service Performance Efficient Resource Provisioning via Optimal Workload Allocation	2017

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DOMAIN: BIG DATA (HADOOP)

S.NO	CODE	PROJECT TITLES	YEAR
01	BD 01	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment	2017
02	BD 02	An Exploration of Designing a Hybrid Scale-Up Out Hadoop Architecture Based on Performance Measurements	2017
03	BD 03	Beehive Erasure Codes for Fixing Multiple Failures in Distributed Storage Systems	2017
04	BD 04	EAFR An Energy-Efficient Adaptive File Replication System in Data-Intensive Clusters	2017
05	BD 05	FiDooP-DP Data Partitioning in Frequent Itemset Mining on Hadoop Clusters	2017
06	BD 06	Improving Performance of Heterogeneous MapReduce Clusters with Adaptive Task Tuning	2017
07	BD 07	Metric Similarity Joins Using MapReduce	2017
08	BD 08	Moving Hadoop into the Cloud with Flexible Slot Management and Speculative Execution	2017
09	BD 09	MRCP-RM A Technique for Resource Allocation and Scheduling of MapReduce Jobs with Deadlines	2017
10	BD 10	Optimization for Speculative Execution in Big Data Processing Clusters	2017
11	BD 11	Optimizing End-to-End Big Data Transfers over Terabits Network Infrastructure	2017
12	BD 12	Seek-Efficient IO Optimization in Single Failure Recovery for XOR-Coded Storage Systems	2017
13	BD 13	HFSP: Bringing Size-Based Scheduling to Hadoop	2017
14	BD 14	iShuffle: Improving Hadoop Performance with Shuffle-on-	2017

		Write	
15	BD 15	Repair Tree: Fast Repair for Single Failure in Erasure-Coded Distributed Storage Systems	2017

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DOMAIN: WIRELESS COMMUNICATIONS

S.NO	CODE	PROJECT TITLES	YEAR
01	WC 01	A Mixed Transmission Strategy to Achieve Energy Balancing in Wireless Sensor Networks	2017
02	WC 02	Exploiting Adversarial Jamming Signals for Energy Harvesting in Interference Networks	2017
03	WC 03	Improving Safety on Highways by Customizing Vehicular Ad Hoc Networks	2017
04	WC 04	On Jamming Against Wireless Networks	2017
05	WC 05	Optimal Relay Selection for Secure Cooperative Communications with an Adaptive Eavesdropper	2017
06	WC 06	Robust Content Delivery and Uncertainty Tracking in Predictive Wireless Networks	2017
07	WC 07	Proactive Eavesdropping via Cognitive Jamming in Fading Channels	2017

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DOMAIN: NEURAL NETWORKS AND LEARNING SYSTEMS

S.NO	CODE	PROJECT TITLES	YEAR
01	NN 01	A Locality-Constrained and Label Embedding Dictionary Learning Algorithm for Image Classification	2017
02	NN 02	A Maximum Entropy Framework for Semi-supervised and Active Learning with Unknown and Label-Scarce Classes	2017
03	NN 03	A Novel Algorithm for Learning Sparse Spatio-Spectral Patterns for Event-Related Potentials	2017
04	NN 04	A Para-Boost Method to Image Quality Assessment	2017
05	NN 05	A Scoring Scheme for Online Feature Selection Simulating Model Performance Without Retraining	2017
06	NN 06	A Semi-Supervised Approach to the Detection and Characterization of Outliers in Categorical Data	2017
07	NN 07	Deep Direct Reinforcement Learning for Financial Signal Representation and Trading	2017
08	NN 08	Hierarchical Change-Detection Tests	2017
09	NN 09	Learning Discriminative Subspaces on Random Contrasts for Image Saliency Analysis	2017
10	NN 10	Learning Kernel Extended Dictionary for Face Recognition	2017
11	NN 11	Scalable Algorithms for Multi-Instance Learning	2017
12	NN 12	Robust Joint Graph Sparse Coding for Unsupervised Spectral Feature Selection	2017
13	NN 13	A Semi-Supervised Approach to the Detection and Characterization of Outliers in Categorical Data	2017

DOMAIN: INFORMATION FORENSICS AND SECURITY

S.NO	CODE	PROJECT TITLES	YEAR
01	IFS 01	An Approach to Biometric Identification by Using Low-Frequency Eye Tracker	2017
02	IFS 02	Audio Watermarking Using Spike gram and a Two-Dictionary Approach	2017
03	IFS 03	Authorship Attribution for Social Media Forensics	2017
04	IFS 04	Distributed Segment-Based Anomaly Detection with Kullback–Leibler Divergence in Wireless Sensor Networks	2017
05	IFS 05	Effective and Efficient Global Context Verification for Image Copy Detection	2017
06	IFS 06	Face Recognition Using Sparse Fingerprint Classification Algorithm	2017
07	IFS 07	Fingerprint Recognition of Young Children	2017
08	IFS 08	Fully Incrementing Visual Cryptography from a Succinct Non-Monotonic Structure	2017
09	IFS 09	Image Alignment-Based Multi-Region Matching for Object-Level Tampering Detection	2017
10	IFS 10	Image Forgery Localization via Integrating Tampering Possibility Maps	2017
11	IFS 11	Multi-Party Secret Key Agreement Over State-Dependent Wireless Broadcast Channels	2017
12	IFS 12	Multi-Scale Analysis Strategies in PRNU-Based Tampering Localization	2017
13	IFS 13	On the Feasibility of Creating Double-Identity Fingerprints	2017

14	IFS 14	Optimal Generation of Iris Codes for Iris Recognition	2017
15	IFS 15	Optimized 3D Lighting Environment Estimation for Image Forgery Detection	2017
16	IFS 16	Q-Learning-Based Vulnerability Analysis of Smart Grid Against Sequential Topology Attacks	2017
17	IFS	Secure Transmission of Delay-Sensitive Data Over Wireless Fading Channels	2017
18	IFS	Optimal Privacy-Preserving Probabilistic Routing for Wireless Networks	2017
19	IFS	Preventing Distributed Denial-of-Service Flooding Attacks With Dynamic Path Identifiers	

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DOMAIN: PARALLEL AND DISTRIBUTED SYSTEMS

S.NO	CODE	PROJECT TITLES	YEAR
01	PDS 01	A Declarative Optimization Engine for Resource Provisioning of Scientific Workflows in Geo-Distributed Clouds	2017
02	PDS 02	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment	2017
03	PDS 03	Application Scheduling, Placement, and Routing for Power Efficiency in Cloud Data Centers	2017
04	PDS 04	Beehive Erasure Codes for Fixing Multiple Failures in Distributed Storage Systems	2017

05	PDS 05	Efficient Resource Constrained Scheduling Using Parallel Two-Phase Branch-and-Bound Heuristics	2017
06	PDS 06	FiDooP-DP Data Partitioning in Frequent Itemset Mining on Hadoop Clusters	2017
07	PDS 07	Improving Performance of Heterogeneous MapReduce Clusters with Adaptive Task Tuning	2017
08	PDS 08	MRCP-RM A Technique for Resource Allocation and Scheduling of MapReduce Jobs with Deadlines	2017
09	PDS 09	Optimal Symbiosis and Fair Scheduling in Shared Cache	2017
10	PDS 10	PLAN Joint Policy- and Network-Aware VM Management for Cloud Data Centers	2017
11	PDS 11	Privacy-Aware Scheduling SaaS in High Performance Computing Environments	2017
12	PDS 12	Seek-Efficient IO Optimization in Single Failure Recovery for XOR-Coded Storage Systems	2017

TECHNOLOGY : JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: CYBERNETICS

S.NO	CODE	PROJECT TITLES	YEAR
01	CN 01	A Micro-GA Embedded PSO Feature Selection Approach to Intelligent Facial Emotion Recognition	2017
02	CN 02	Constructing the L2-Graph for Robust Subspace Learning and Subspace Clustering	2017
03	CN 03	Correntropy Matching Pursuit with Application to Robust	2017

		Digit and Face Recognition	
04	CN 04	Coupled Deep Autoencoder for Single Image Super-Resolution	2017
05	CN 05	Cross-Modal Retrieval with CNN Visual Features a New Baseline	2017
06	CN 06	Information Fusion of Passive Sensors for Detection of Moving Targets in Dynamic Environments	2017
07	CN 07	Integration of Global and Local Metrics for Domain Adaptation Learning Via Dimensionality Reduction	2017
08	CN 08	Joint Dictionary Learning for Multispectral Change Detection	2017
09	CN 09	Largest Matching Areas for Illumination and Occlusion Robust Face Recognition	2017
10	CN 10	Learning Sampling Distributions for Efficient Object Detection	2017
11	CN 11	NMF-Based Image Quality Assessment Using Extreme Learning Machine	2017
12	CN 12	Rate and Distortion Optimization for Reversible Data Hiding Using Multiple Histogram Shifting	2017
13	CN 13	Robust Object Tracking via Key Patch Sparse Representation	2017
14	CN 14	Superimposed Sparse Parameter Classifiers for Face Recognition	2017
15	CN 15	Temporal Restricted Visual Tracking Via Reverse-Low-Rank Sparse Learning	2017
16	CN 16	Weighted Joint Sparse Representation for Removing	2017

		Mixed Noise in Image	
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TECHNOLOGY	JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP
DOMAIN:	MULTIMEDIA

S.NO	CODE	PROJECT TITLES	YEAR
01	MM 01	A Novel Data Hiding Algorithm for High Dynamic Range Images	2017
02	MM 02	Background-Driven Salient Object Detection	2017
03	MM 03	Context-Associative Hierarchical Memory Model for Human Activity Recognition and Prediction	2017
04	MM 04	Efficient Unsupervised Temporal Segmentation of Motion Data	2017
05	MM 05	Hierarchical Bayesian Theme Models for Multi-pose Facial Expression Recognition	2017
06	MM 06	Neighborhood Matching for Image Retrieval	2017
07	MM 07	Real-Time Correlation Filter Tracking by Efficient Dense Belief Propagation with Structure Preserving	2017
08	MM 08	Retrieval Compensated Group Structured Sparsity for Image Super-Resolution	2017
09	MM 09	Scalable Image Retrieval by Sparse Product Quantization	2017
10	MM 10	Single Image Super-Resolution via Locally Regularized Anchored Neighborhood Regression and Nonlocal Means	2017

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DOMAIN: PATTERN ANALYSIS AND MACHINE INTELLIGENCE

S.NO	CODE	PROJECT TITLES	YEAR
01	PM 01	Adaptive Visual Tracking with Minimum Uncertainty Gap Estimation	2017
02	PM 02	An Efficient Joint Formulation for Bayesian Face Verification	2017
03	PM 03	Co-Saliency Detection via a Self-Paced Multiple-Instance Learning Framework	2017
04	PM 04	Cross-Domain Visual Matching via Generalized Similarity Measure and Feature Learning	2017
05	PM 05	Deep Visual-Semantic Alignments for Generating Image Descriptions	2017
06	PM 06	Detecting Flying Objects Using a Single Moving Camera	2017
07	PM 07	Feature Selection with Annealing for Computer Vision and Big Data Learning	2017
08	PM 08	Frequency-Domain Transient Imaging	2017
09	PM 09	Fully Convolutional Networks for Semantic Segmentation	2017
10	PM 10	Geometric Calibration of Micro-Lens-Based Light Field Cameras Using Line Features	2017
11	PM 11	Higher-Order Occurrence Pooling for Bags-of-Words Visual Concept Detection	2017
12	PM 12	Long-Term Recurrent Convolutional Networks for Visual Recognition and Description	2017
13	PM 13	Multiscale Combinatorial Grouping for Image	2017

		Segmentation and Object Proposal Generation	
14	PM 14	Nuclear Norm Based Matrix Regression with Applications to Face Recognition with Occlusion and Illumination Changes	2017
15	PM 15	Pose Estimation from Line Correspondences a Complete Analysis and a Series of Solutions	2017
16	PM 16	Salient Object Detection via Structured Matrix Decomposition	2017
17	PM 17	Selective Transfer Machine for Personalized Facial Expression Analysis	2017
18	PM 18	Shape Estimation from Shading, Defocus, and Correspondence Using Light-Field Angular Coherence	2017
19	PM 19	Super Normal Vector for Human Activity Recognition with Depth Cameras	2017
20	PM 20	Top-Down Visual Saliency via Joint CRF and Dictionary Learning	2017

TECHNOLOGY JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: SOFTWARE ENGINEERING

S.NO	CODE	PROJECT TITLES	YEAR
01	SE 01	An Empirical Comparison of Model Validation Techniques for Defect Prediction Models	2017
02	SE 02	CACheck Detecting and Repairing Cell Arrays in Spreadsheets	2017

03	SE 03	Nopol Automatic Repair of Conditional Statement Bugs in Java Programs	2017
04	SE 04	New Techniques to Reduce the Execution Time of Functional Test Programs	2017
05	SE 05	Self-Adaptive and Online QoS Modeling for Cloud-Based Software Services	2017

TECHNOLOGY JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: VEHICULAR TECHNOLOGY

S.NO	CODE	PROJECT TITLES	YEAR
01	VT 01	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks	2017
02	VT 02	Adaptive Quality-of-Service-Based Routing for Vehicular Ad Hoc Networks with Ant Colony Optimization	2017
03	VT 03	CAIS A Copy Adjustable Incentive Scheme in Community-Based Socially Aware Networking	2017
04	VT 04	Efficient Cache Management for Network-Coding-Assisted Data Broadcast	2017
05	VT 05	Enhancing Security and Privacy for Identity-Based Batch Verification Scheme in VANETs	2017
06	VT 06	LORA Loss Differentiation Rate Adaptation Scheme for Vehicle-to-Vehicle Safety Communications	2017
07	VT 07	Path Planning and Tracking for Vehicle Collision Avoidance Based on Model Predictive Control with Multi-	2017

		constraints	
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TECHNOLOGY	JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP
DOMAIN:	MEDICAL IMAGING

S.NO	CODE	PROJECT TITLES	YEAR
01	MI 01	Deep-Cut Object Segmentation from Bounding Box Annotations Using Convolutional Neural Networks	2017
02	MI 02	Directional Kernel Density Estimation for Classification of Breast Tissue Spectra	2017
03	MI 03	Segmentation Based Sparse Reconstruction of Optical Coherence Tomography Images	2017
04	MI 04	Improved Computational Efficiency of Locally Low Rank MRI Reconstruction Using Iterative Random Patch Adjustments	2017

TECHNOLOGY	JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP
DOMAIN:	INTERNET OF THINGS

S.NO	CODE	PROJECT TITLES	YEAR
01	IT 01	FogRoute DTN-Based Data Dissemination Model in Fog Computing	2017

02	IT 02	Multicast Routing for Multimedia Communications in the Internet of Things	2017
03	IT 03	A Secure and Efficient ID-Based Aggregate Signature Scheme for Wireless Sensor Networks	2017
04	IT 04	Robust Relay Selection for Large-Scale Energy-Harvesting IoT Networks	2017

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DOMAIN: GEOSCIENCE AND REMOTE SENSING

S.NO	CODE	PROJECT TITLES	YEAR
01	GS 01	High resolution sea ice motion estimation with optical flow using satellite spectro radio meter data	2017
02	GS 02		2017

TECHNOLOGY JAVA / DOTNET / NS2 / MATLAB / R-TOOL / HADOOP

DOMAIN: DEPENDABLE AND SECURE COMPUTING

S.NO	CODE	PROJECT TITLES	YEAR
01	DS 01	Using Virtual Machine Allocation Policies to Defend against Co-Resident Attacks in Cloud Computing	2017
02	DS 02	Secure and Private Data Aggregation for Energy Consumption Scheduling in Smart Grids	2017



Phone : 0422 -4377414

Mobile : 9894604623 / 9965191941

E-Mail : brainrichtech@gmail.com / info@brainrichtech.com

Website : www.brainrichtech.com

Address: 6/1, Selvanaayaki Complex, 1st Floor, Gokhale Street,
..... Ram Nagar, Coimbatore - 641009

Brainrrich Technology



Phone : 0422 -4377414

Mobile : 9894604623 / 9965191941

E-Mail : brainrichtech@gmail.com / info@brainrichtech.com

Website : www.brainrichtech.com

Address: 6/1, Selvanaayaki Complex, 1st Floor, Gokhale Street,
..... Ram Nagar, Coimbatore - 641009

Thanking You

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