

S3 Technologies

WE OFFER IEEE PROJECTS FOR MCA FINAL YEAR STUDENT PROJECTS, ENGINEERING PROJECTS AND TRAINING, PHP PROJECTS, JAVA AND J2EE PROJECTS, ASP.NET PROJECTS, NS2 PROJECTS, MATLAB PROJECTS AND IPT TRAINING .

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2019 – 2020 MATLAB IEEE PROJECTS

S.N O	Project Code	IEEE 2019 MATLAB Project Titles	Domain	Lang/Year
1	S301	A Wavelet-Predominant Algorithm Can Evaluate Quality of THz Security Image and Identify Its Usability	IMAGE PROCESSING	MATLAB/2 019
2	S302	Ultrasonic Synthetic-Aperture Interface Imaging	IMAGE PROCESSING	MATLAB/2 019
3	S303	Benchmark on Automatic 6-month-old Infant Brain Segmentation Algorithms: The iSeg-2017 Challenge	IMAGE PROCESSING	MATLAB/2 019
4	S304	Predicting Detection Performance on Security X-Ray Images as a Function of Image Quality	IMAGE PROCESSING	MATLAB/2 019
5	S305	Automatic Land Cover Reconstruction From Historical Aerial Images: An Evaluation of Features Extraction and Classification Algorithms	IMAGE PROCESSING	MATLAB/2 019
6	S306	Radar Image Series Denoising of Space Targets Based on Gaussian Process Regression	IMAGE PROCESSING	MATLAB/2 019
7	S307	Class Agnostic Image Common Object Detection	IMAGE PROCESSING	MATLAB/2 019
8	S308	On the Diversity of Conditional Image Synthesis With Semantic Layouts	IMAGE PROCESSING	MATLAB/2 019
9	S309	Variational Textured Dirichlet Process Mixture Model with Pairwise Constraint for Unsupervised Classification of Polarimetric SAR Images	IMAGE PROCESSING	MATLAB/2 019
10	S310	Weakly Supervised Estimation of Shadow Confidence Maps in Fetal Ultrasound Imaging	IMAGE PROCESSING	MATLAB/2 019
11	S311	Miniaturized High-Resolution Integrated 360° Electronic Radial Ultrasound Endoscope for Digestive Tract Imaging	IMAGE PROCESSING	MATLAB/2 019
12	S312	Channel Splitting Network for Single MR Image Super-Resolution	IMAGE PROCESSING	MATLAB/2 019
13	S313	Correlation-weighted sparse representation for robust liver DCE-MRI decomposition registration	IMAGE PROCESSING	MATLAB/2 019

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14	S314	Hippocampus Segmentation based on Iterative Local Linear Mapping with Representative and Local Structure-preserved Feature Embedding	IMAGE PROCESSING	MATLAB/2019
15	S315	Online Subspace Learning from Gradient Orientations for Robust Image Alignment	IMAGE PROCESSING	MATLAB/2019
16	S316	Content-Aware Enhancement of Images With Filamentous Structures	IMAGE PROCESSING	MATLAB/2019
17	S317	Live Ultrasound Color-Encoded Speckle Imaging Platform for Real-Time Complex Flow Visualization In Vivo	IMAGE PROCESSING	MATLAB/2018
18	S318	Narrow Gap Detection In Microscope Images Using Marked Point Process Modeling	IMAGE PROCESSING	MATLAB/2018
19	S319	Efficient Multiple Organ Localization in CT Image using 3D Region Proposal Network	IMAGE PROCESSING	MATLAB/2018
20	S320	2-D and 3-D Reconstruction Algorithms in the Fourier Domain for Plane-Wave Imaging in Nondestructive Testing	IMAGE PROCESSING	MATLAB/2018
21	S321	An efficient preconditioner for stochastic gradient descent optimization of image registration	IMAGE PROCESSING	MATLAB/2018
22	S322	An efficient preconditioner for stochastic gradient descent optimization of image registration	IMAGE PROCESSING	MATLAB/2018
23	S323	Bayesian Polytrees With Learned Deep Features for Multi-Class Cell Segmentation	IMAGE PROCESSING	MATLAB/2018
24	S324	Asymmetric GAN for Unpaired Image-to-image Translation	IMAGE PROCESSING	MATLAB/2018
25	S325	Unsupervised Deep Change Vector Analysis for Multiple-Change Detection in VHR Images	IMAGE PROCESSING	MATLAB/2018
26	S326	Nonlocal Patch Tensor Sparse Representation for Hyperspectral Image Super-Resolution	IMAGE PROCESSING	MATLAB/2018
27	S327	Extending the hybrid surgical guidance concept with freehand fluorescence tomography	IMAGE PROCESSING	MATLAB/2018
28	S328	Hyperspectral Image Unmixing With Endmember Bundles and Group Sparsity Inducing Mixed Norms	IMAGE PROCESSING	MATLAB/2018
29	S329	Semiautomatic Estimation of Device Size for Left Atrial Appendage Occlusion in 3-D TEE Images	IMAGE PROCESSING	MATLAB/2018
30	S330	Fast and Robust Symmetric Image Registration Based on Distances Combining Intensity and Spatial Information	IMAGE PROCESSING	MATLAB/2018

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31	S331	RETOUCH -The Retinal OCT Fluid Detection and Segmentation Benchmark and Challenge	IMAGE PROCESSING	MATLAB/2018
32	S332	A CNN With Multiscale Convolution and Diversified Metric for Hyperspectral Image Classification	IMAGE PROCESSING	MATLAB/2018
33	S333	Tchebichef and Adaptive Steerable-Based Total Variation Model for Image Denoising	IMAGE PROCESSING	MATLAB/2018
34	S334	A Machine Learning Approach for Classifying Ischemic Stroke Onset Time from Imaging	IMAGE PROCESSING	MATLAB/2018
35	S335	Contextual Classification of Sea-Ice Types Using Compact Polarimetric SAR Data	IMAGE PROCESSING	MATLAB/2019
36	S336	Effects of Aperture Diameter on Image Blur of CMOS Image Sensor With Pixel Apertures	IMAGE PROCESSING	MATLAB/2019
37	S337	Single Image Defogging Based on Illumination Decomposition for Visual Maritime Surveillance	IMAGE PROCESSING	MATLAB/2019
38	S338	Dual-Stream Interactive Networks for No-Reference Stereoscopic Image Quality Assessment	IMAGE PROCESSING	MATLAB/2019
39	S339	Low-Cost Photoacoustic Tomography System Based on Multi-Channel Delay-Line Module	IMAGE PROCESSING	MATLAB/2019
40	S340	Low-Cost Photoacoustic Tomography System Based on Multi-Channel Delay-Line Module	IMAGE PROCESSING	MATLAB/2019
41	S341	Encoding Visual Sensitivity by MaxPol Convolution Filters for Image Sharpness Assessment	IMAGE PROCESSING	MATLAB/2019
42	S342	Efficient Chroma Sub-Sampling and Luma Modification for Color Image Compression	IMAGE PROCESSING	MATLAB/2019
43	S343	Low-light Image Enhancement via the Absorption-Light-Scattering-Model	IMAGE PROCESSING	MATLAB/2019
44	S344	A Single Sensor Dual-Modality Photoacoustic Fusion Imaging for Compensation of Light Fluence Variation	IMAGE PROCESSING	MATLAB/2019
45	S345	A Single Sensor Dual-Modality Photoacoustic Fusion Imaging for Compensation of Light Fluence Variation	IMAGE PROCESSING	MATLAB/2019
46	S346	Hybrid LSTM and Encoder–Decoder Architecture for Detection of Image Forgeries	IMAGE PROCESSING	MATLAB/2019
47	S347	Shadow Detection in Single RGB Images Using a Context Preserver Convolutional Neural Network Trained by Multiple Adversarial Examples	IMAGE PROCESSING	MATLAB/2019

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48	S348	Beamforming and Speckle Reduction Using Neural Networks	IMAGE PROCESSING	MATLAB/2019
49	S349	Photonic Nanojet Sub-Diffraction Nano-Fabrication With in situ Super-Resolution Imaging	IMAGE PROCESSING	MATLAB/2019
50	S350	Asymmetric GAN for Unpaired Image-to-image Translation	IMAGE PROCESSING	MATLAB/2019
51	S351	Efficient Chroma Sub-Sampling and Luma Modification for Color Image Compression	IMAGE PROCESSING	MATLAB/2019

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