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Ph.D. candidate; interested in machine learning (ML), deep learning, pattern recognition, mathematics and their applications in computer vision. For more information, please refer to www.aldbi.com.

Interests: • Adversarial ML • Network Compression • Interpretable ML • Unsupervised Learning

EDUCATION

PRESENT JAN. 2017	West Virginia University , Ph.D. in ELECTRICAL ENGINEERING (GPA: 4.0/4.0) Advisor: Dr. Nasrabadi .	<i>Morgantown, USA</i>
JAN. 2016 SEP. 2013	Sharif University of Technology , M.Sc. in ELECTRICAL ENGINEERING (GPA: 3.74/4.0) Advisor: Dr. Jahed .	<i>Tehran, Iran</i>
SEP. 2013	Babol Noshirvani University of Technology , B.Sc. in ELECTRICAL ENGINEERING	<i>Babol, Iran</i>

SELECTED PAPERS [SORTED BY DATE]

* For a complete list of publications please refer to [google scholar](#).

[1] [SuperMix: Supervising the Mixing Data Augmentation \[PDF\] \[Code\]](#)

Dabouei, Soleymani, Taherkhani, Nasrabadi

In 2021 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2021.

[2] [Self-Supervised Wasserstein Pseudo-Labeling for Semi-Supervised Image Classification \[PDF\]](#)

Taherkhani, **Dabouei**, Soleymani, Nasrabadi

In 2021 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2021.

[2] [Exploiting Joint Robustness to Adversarial Perturbations \[PDF\]](#)

Dabouei, Soleymani, Taherkhani, Dawson, Nasrabadi

In 2020 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020.

[2] [Transporting Labels via Hierarchical Optimal Transport for Semi-Supervised Learning \[PDF\]](#)

Taherkhani, **Dabouei**, Soleymani, Dawson, Nasrabadi

In 2020 European conference on computer vision (ECCV), 2020.

[2] [Attribute Adaptive Margin Softmax Loss using Privileged Information \[PDF\]](#)

Iranmanesh, **Dabouei**, and Nasrabadi.

In 2020 British Machine Vision Conference (BMVC), 2020.

[3] [SmoothFool: An Efficient Framework for Computing Smooth Adversarial Perturbations \[PDF\] \[Code\]](#)

Dabouei, Taherkhani, Soleymani, Dawson, Nasrabadi

In 2020 IEEE Winter Conference on Applications of Computer Vision (WACV), 2020.

[4] [Boosting Deep Face Recognition via Disentangling Appearance and Geometry](#)

Dabouei, Taherkhani, Soleymani, Dawson, Nasrabadi

In 2020 IEEE Winter Conference on Applications of Computer Vision (WACV), 2020.

[5] [Robust Facial Landmark Detection via Aggregation on Geometrically Manipulated Faces](#)

Iranmanesh, **Dabouei**, Soleymani, Kazemi, Nasrabadi

In 2020 IEEE Winter Conference on Applications of Computer Vision (WACV), 2020.

[6] [A Weakly Supervised Fine Label Classifier Enhanced by Coarse Supervision](#)

Taherkhani, Kazemi, **Dabouei**, Dawson, Nasrabadi

In 2019 International Conference on Computer Vision (ICCV), 2019.

[7] [Fast Geometrically-perturbed Adversarial Faces \[PDF\] \[Code\]](#)

Dabouei, Soleymani, Dawson, Nasrabadi

In 2019 IEEE Winter Conference on Applications of Computer Vision (WACV), 2018.

[11] [Multi-Level Feature Abstraction from Convolutional Neural Networks for Multimodal Biometric Identification](#)

Soleymani, **Dabouei**, Kazemi, Dawson, Nasrabadi

In 2018 International Conference on Pattern Recognition, 2018.

PATENTS

- [Cross-matching contactless fingerprints against legacy contact-based fingerprints.](#)
- [Fingerprint distortion rectification using deep convolutional neural networks.](#)

AWARDS

- Best Student Paper Award in 9th IEEE International Conference on Biometrics, 2018.
- IAPR Best Biometrics Student Award in IAPR International Conference on Biometrics, 2018.