# Mohammad Saeed Ebrahimi Saadabadi

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Fourth-year Ph.D. student; interested in machine learning, deep learning, applied statistics, and their applications in computer vision. For more information, please refer to www.msed-ebrahimi.com

## Education

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|---|---|---|
| October<br>May 2025 | **Machine Learning Intern at Pinterest**,<br>Focused on representation learning, Recommender System, and Cold-start Problem. | *Remote, USA* |
| Present<br>Aug. 2021 | **West Virginia University**, Ph.D. in Electrical Engineering<br>Focused on representation learning and metric learning. | *Morgantown, USA* |
| Sep. 2020<br>Sep. 2017 | **K. N. Toosi University of Technology**, M.Sc. in Biomedical Engineering | *Tehran, Iran* |
| Sep. 2017<br>Sep. 2012 | **K. N. Toosi University of Technology**, B.Sc. in Electrical Engineering | *Tehran, Iran* |

## Research Interests

- Un/semi/weakly-supervised Representation Learning
- Generative Recognition
- Direct Preference Optimizaion
- Dataset Distillation

## Selected Papers

* For a complete list of publications please refer to google scholar.

[1] Warmer for Less: A Cost-Efficient Strategy for Cold-Start Recommendations at Pinterest
**Ebrahimi**, Weijie Jiang, Jaewon Yang, Olafur Gudmundsson, Yucheng Tu, Huizhong Duan
*Under review.*

[2] GIF: Generative Inspiration for Face Recognition at Scale
**Ebrahimi**, Malakshan, Dabouei, Das, Nasrabadi
*2025 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2025.*

[3] Decomposed Distribution Matching in Dataset Condensation,
Malakshan, **Ebrahimi**, Dabouei, Nasrabadi
*2025 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2025.*

[4] ARoFace: Alignment Robustness to Improve Low-Quality Face Recognition
**Ebrahimi**, Malakshan, Dabouei, Nasrabadi
*European Conference on Computer Vision (ECCV), 2024.*

[5] Hyperspherical Classification with Dynamic Label-to-Prototype Assignment
**Ebrahimi**, Dabouei, Malakshan, Nasrabadi
*2024 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2024.*

[6] A quality aware sample-to-sample comparison for face recognition
**Ebrahimi**, Malakshan, Zafari, Mostofa, Nasrabadi
*2023 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2023.*

[7] Joint super-resolution and head pose estimation for extreme low-resolution faces
Malakshan, **Ebrahimi**, Mostofa, Soleymani, Nasrabadi
*IEEE Access, 2023.*