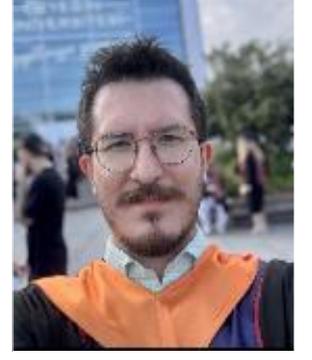


# OSMAN FURKAN KINLI

ASSISTANT PROFESSOR



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## Education

Doctoral 2019 30/Mayıs/2025	OZYEGIN UNIVERSITY->INSTITUTE OF SCIENCE->COMPUTER ENGINEERING (PhD) (ENGLISH) Thesis name: Modeling the lighting as style factor via neural networks for white balance correction (2025) Thesis Advisor:(Mustafa Furkan Kırac)
Master (Thesis) 2018 26/Ağustos/2019	OZYEGIN UNIVERSITY->INSTITUTE OF SCIENCE->COMPUTER ENGINEERING (MASTER) (WITH THESIS) (ENGLISH) Thesis name: Clothing image retrieval with triplet capsule networks (2019) Thesis Advisor:(YRD. DOÇ. DR. MUSTAFA FURKAN KIRAÇ)
Bachelor's Degree 2012 31/Ocak/2018	OZYEGIN UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF COMPUTER ENGINEERING->COMPUTER ENGINEERING PR. (ENGLISH) (%75 SCHOLARSHIP)

## Academic Title

ASSISTANT PROFESSOR 01.11.2025	BAHCESEHIR UNIVERSITY/MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ/YAPAY ZEKA MÜHENDİSLİĞİ BÖLÜMÜ/YAPAY ZEKA MÜHENDİSLİĞİ ANABİLİM DALI
RESEARCH ASSISTANT 01.03.2018-30.10.2025	OZYEGIN UNIVERSITY/MÜHENDİSLİK FAKÜLTESİ/BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ

## Works

### Articles published in international refereed journals:

1. KINLI OSMAN FURKAN,ÖZCAN BARIŞ,KIRAÇ MUSTAFA FURKAN (2025). Advancing white balance correction through deep feature statistics and feature distribution matching. Journal of Visual Communication and Image Representation, 108, Doi: 10.1016/j.jvcir.2025.104412 (Publication No: 10134399)
2. KINLI OSMAN FURKAN,KIRAÇ MUSTAFA FURKAN (2025). Feature distribution statistics as a loss objective for robust white balance correction. Machine Vision and Applications, 36, Doi: 10.1007/s00138-025-01680-1 (Publication No: 10134393)
3. Erkol Mert, KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2023). [Re] Exact Feature Distribution Matching for Arbitrary Style Transfer and Domain Generalization. Rescience

## Articles published in international refereed journals:

C, 9(2), Doi: 10.5281/zenodo.8173652 (Publication No: 8552931)

4. Özcan Barış, KINLI OSMAN FURKAN, KIRAÇ MUSTAFA FURKAN (2022). Generalization to unseen viewpoint images of objects via alleviated pose attentive capsule agreement. *Neural Computing and Applications*, Doi: 10.1007/s00521-022-07900-3 (Publication No: 7871892)
5. Yılmaz Doğa, KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2022). [Re] Lifting 2D StyleGAN for 3D-Aware Face Generation. *Rescience C*, 8(2), 46-46., Doi: 10.5281/zenodo.6574719 (Publication No: 7871880)
6. Menteş Sami, KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2021). [Re] Spatial-Adaptive Network for Single Image Denoising. *Rescience C*, Doi: 10.5281/zenodo.4834672 (Publication No: 7734112)
7. KINLI OSMAN FURKAN, KIRAÇ MUSTAFA FURKAN (2020). FashionCapsNet: Kapsül Ağları ile Kiyafet Sınıflandırma. *Bilişim Teknolojileri Dergisi*, Doi: 10.17671/gazibtd.580222 (Publication No: 7232023)

## B. Papers presented at international scientific meetings and published in proceedings :

1. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2020). A Benchmark for Inpainting of Clothing Images with Irregular Holes. 2020 European Conference on Computer Vision Workshops, 182-199., Doi: 10.1007/978-3-030-66823-5\_11 (Full Text Publication/Poster) (Publication No: 7231112)
2. Ershov Egor, Savchik Alex, Shepelev Denis, Bani? Nikola, Brown Michael S., Timofte Radu, Koš?evi? Karlo, Freeman Michael, Tesalin Vasily, Bocharov Dmitry, Semenov Ilya, Subaši? Marko, Lon?ari? Sven, Terekhin Arseniy, Liu Shuai, Feng Chaoyu, Wang Hao, Zhu Ran, Li Yongqiang, Lei Lei, Li Zhihao, Yi Si, Han Ling-Hao, Wu Ruiqi, Jin Xin, Guo Chunle, KINLI OSMAN FURKAN, Menteş Sami, Özcan Barış, KIRAÇ MUSTAFA FURKAN, Zini Simone, Rota Claudio, Buzzelli Marco, Bianco Simone, Schettini Raimondo, Li Wei, Ma Yipeng, Wang Tao, Xu Ruikang, Song Fenglong, Chen Wei-Ting, Yang Hao-Hsiang, Huang Zhi-Kai, Chang Hua-En, Kuo Sy-Yen, Liang Zhixin, Zhou Shangchen, Feng Ruicheng, Li Chongyi, Chen Xiangyu, Song Binbin, Zhang Shile, Liu Lin, Wang Zhendong, Ryu Dohoon, Bae Hyokyoun, Kwon Taesung, Desai Chaitra, Akalwadi Nikhil, Joshi Amogh, Mandi Chinmayee, Malagi Sampada, Uppin Akash, Reddy Sai Sudheer, Tabib Ramesh Ashok, Patil Ujwala, Mudenagudi Uma (2022). NTIRE 2022 Challenge on Night Photography Rendering. 2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), Doi: 10.1109/CVPRW56347.2022.00135 (Full Text Publication/Oral Presentation) (Publication No: 7871937)
3. KINLI OSMAN FURKAN, Yılmaz Doğa, ÖZCAN BARIŞ, KIRAÇ MUSTAFA FURKAN (2023). Deterministic Neural Illumination Mapping for Efficient Auto-White Balance Correction. IEEE/CVF International Conference on Computer Vision Workshops (ICCVW), 1131-1139., Doi: 10.1109/ICCVW60793.2023.00122 (Full Text Publication/Poster) (Publication No: 10134542)
4. Ershov Egor, Korchagin Sergey, Khalin Aleksei, Panshin Artyom, Terekhin Arseniy, Zaychenkova Ekaterina, Lobarev Georgiy, Plokhhotnyuk Vsevolod, Abramov Denis, Zhdanov Elisey, Dorogova Sofia, Mamedov Yasin, Banic Nikola, Perevozchikov Georgii, Timofte Radu, Zhang Lize, Zhang Yuqian, Liu Shuai, Feng Chaoyu, Wang Luyang, Huang Yibin, Shao Guangqi, Wang Xiaotao, Lei Lei, Pan Sishun, Zhong Zhiqiang, Yang Yang, Ali Anas M., Aloqayli Hamad, Benjdira Bilel, Boulila Wadii, Ma Xiaoyang, Gao Zijun, Xing Leyi, He Zongqi, Zuo Yushen, Xiao Zhe, Chan Kin-Chung, Li Hanmin, Xiao Jun, Lam Kin-Man, Wu YunPeng, Storonkin Daniil, Manzhura Dmitriy, Guo Weixin, Xu Kele, Xu Qisheng, Gao Zijian, Wan Tianjiao, Vampilov Buda, KINLI OSMAN FURKAN, KIRAÇ MUSTAFA FURKAN (2025). NTIRE 2025 Challenge on Night Photography Rendering. 2025 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), 1505-1515., Doi: 10.1109/CVPRW67362.2025.00140 (Full Text Publication/Oral Presentation) (Publication No: 10134416)
5. KINLI OSMAN FURKAN, ÖZCAN BARIŞ, KIRAÇ MUSTAFA FURKAN (2025). Dawn: A Robust Tone Mapping Operator for Multi-Illuminant and Low-Light Scenarios. 20th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications, 3, 62-68., Doi: 10.5220/0013134600003912 (Full Text Publication/Oral Presentation) (Publication No: 10134416)
6. Shutova Alina, Ershov Egor, Perevozchikov Georgy, Ermakov Ivan, Banic Nikola, Timofte Radu, Collins Richard, Efimova Maria, Terekhin Arseniy, Zini Simone, Rota Claudio, Buzzelli Marco, Bianco Simone, Schettini Raimondo, Lei Chunxia, Wang Tingniao, Wang Song, Liu Shuai, Feng Chaoyu, Shao Guangqi, Wang Hao, Wang Xiaotao, Lei Lei, Xu Lu, Zhang Chao, Wang Yasi, Guo Jin, Sun Yangfan, Liu Tianli, Hao Dejun, KINLI OSMAN FURKAN, ÖZCAN BARIŞ, KIRAÇ MUSTAFA FURKAN, Chung Hyerin, Lee Nakyung, Kwak Sung Keun, Conde Marcos, Seizinger Tim, Vasluianu Florin, Elezabi Omar, Hsieh Chia-Hsuan, Chen Wei-Ting, Yang Hao-Hsiang, Huang Zhi-Kai, Chang Hua-En, Chen I-Hsiang, Chen Yi-Chung, Chiang Yuan-Chun (2023). NTIRE 2023 Challenge on Night Photography Rendering. IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops

- 10.1109/CVPRW59228.2023.00192 (Full Text Publication/Oral Presentation) (Publication No: 10134519)
7. KINLI OSMAN FURKAN, Yılmaz Doğa, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2023). Modeling the Lighting in Scenes as Style for Auto White-Balance Correction. IEEE/CVF Winter Conference on Applications of Computer Vision, 4892-4902., Doi: 10.1109/WACV56688.2023.00488 (Full Text Publication/Poster) (Publication No: 7894961)
  8. KINLI OSMAN FURKAN, Mentеш Sami, Özcan Barış, KIRAÇ MUSTAFA FURKAN, Timofte Radu, Zuo Yi, Wang Zitao, Zhang Xiaowen, Zhu Yu, Li Chenghua, Leng Cong, Cheng Jian, Liu Shuai, Feng Chaoyu, Bai Furui, Wang Xiaotao, Lei Lei, Ma Tianzhi, Gao Zihan, He Wenxin, Yeo Woon-Ha, Oh Wang-Taek, Kim Young-Il, Ryu Han-Cheol, He Gang, Long Shaoyi, Sharif S. M. A., Naqvi Rizwan Ali, Guisik Kim Sungjun Kim, Lee Seohyeon, Nathan Sabari, Kansal Priya (2022). AIM 2022 Challenge on Instagram Filter Removal: Methods and Results. European Conference on Computer Vision - Advances in Image Manipulation Workshop, 13803, Doi: 10.1007/978-3-031-25066-8\_2 (Full Text Publication/Oral Presentation) (Publication No: 7895271)
  9. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2022). Reversing Image Signal Processors by Reverse Style Transferring. European Conference on Computer Vision, Doi: 10.1007/978-3-031-25063-7\_43 (Full Text Publication/Poster) (Publication No: 7894938)
  10. Conde Marcos V., Timofte Radu, Huang Yibin, Peng Jingyang, Chen Chang, Li Cheng, Song Fenglong, Bai Furui, Liu Shuai, Feng Chaoyu, Wang Xiaotao, Lei Lei, Zhu Yu, Li Chenghua, Jiang Yingying, A Yong, Wang Peisong, Leng Cong, Cheng Jian, Liu Xiaoyu, Yin Zhicun, Zhang Zhilu, Li Junyi, Liu Ming, Zuo Wangmeng, Jiang Jun, Kim Jinha, Zhang Yue, Zou Beiji, Zong Zhikai, Liu Xiaoxiao, Vega Juan Marin, Sloth Michael, Schneider-Kamp Peter, Rottger Richard, KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN, Leyi Li, Uddin S.M. Nadim, Ghosh Dipon Kumar, Jung Yong Ju (2022). Reversed Image Signal Processing and RAW Reconstruction. AIM 2022 Challenge Report. European Conference on Computer Vision - Advances in Image Manipulation Workshop, 3-26., Doi: 10.1007/978-3-031-25066-8\_1 (Full Text Publication/Oral Presentation) (Publication No: 7895185)
  11. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2022). Patch-wise Contrastive Style Learning for Instagram Filter Removal. 2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), Doi: 10.1109/CVPRW56347.2022.00073 (Full Text Publication/Oral Presentation) (Publication No: 7871959)
  12. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2021). Instagram Filter Removal on Fashionable Images. 2021 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), 736-745., Doi: 10.1109/CVPRW53098.2021.00083 (Full Text Publication/Poster) (Publication No: 7231017)
  13. Özcan Barış, KINLI OSMAN FURKAN, KIRAÇ MUSTAFA FURKAN (2021). Quaternion Capsule Networks. 25th International Conference on Pattern Recognition (ICPR), Doi: 10.1109/ICPR48806.2021.9412006 (Full Text Publication/Poster) (Publication No: 7231058)
  14. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2020). Description-aware Fashion Image Inpainting with Convolutional Neural Networks in Coarse-to-Fine Manner. 6th International Conference on Computer and Technology Applications, 74-79., Doi: 10.1145/3397125.3397155 (Full Text Publication/Oral Presentation) (Publication No: 7231182)
  15. KINLI OSMAN FURKAN, Özcan Barış, KIRAÇ MUSTAFA FURKAN (2019). Fashion Image Retrieval with Capsule Networks. International Conference on Computer Vision Workshop (ICCVW), 3109-3112., Doi: 10.1109/ICCVW.2019.00376 (Full Text Publication/Poster) (Publication No: 7231246)

## Non-academic Experience

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05.06.2020-  
01.01.2021 **Bilgisayarla Görü Araştırma Mühendisi** Fishency Innovation, (Commercial (Private))

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10.10.2019 **Kurucu Ortak ve Yapay Zeka Direktörü** T-Fashion Inc., (Commercial (Private))

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15.08.2017-  
31.12.2017 **Makine Öğrenmesi Mühendisi** Gittigidiyor, (Commercial (Private))

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03.07.2017-  
12.08.2017 **Yazılım Mühendisi** Türk Telekom, (Commercial (Private))