

Curriculum Vitae/Resume - Umut KOCASARI

INFORMATION	E-mail: umut.denizli@hotmail.com LinkedIn: https://www.linkedin.com/in/umut-kocasari Github: https://github.com/kocasariumut Website: https://kocasariumut.github.io	
DESCRIPTION	Passionate about 3D Reconstruction and Generation, with publications and projects in areas such as Geometry Reconstruction, Relightable Scene Generation, Generalizable 3D Style Transfer and Latent Space Manipulation. Competitive, Result oriented, Good team player.	
EDUCATION	Technical University of Munich, Department of Informatics, Oct 2025-Present Munich, Germany, https://www.in.tum.de • PhD student in the Visual Computing Group, supervised by Prof. Matthias Nießner • Research interests: 3D Reconstruction, Generative Modeling, Geometric Deep Learning Technical University of Munich, Department of Informatics, Oct 2022-July 2025 Munich, Germany, https://www.in.tum.de • M.Sc. in Informatics (GPA: 1.3/1.0) • Research in Neural Fields, 3D Reconstruction and Geometric Deep Learning Bogazici University, Department of Computer Engineering, Sept 2016-Feb 2022 Istanbul, Turkey, http://www.cmpe.boun.edu.tr • B.Sc. in Computer Engineering (GPA: 3.78/4.00) • Research in Computer Vision and Latent Space Manipulation in GANs	
PUBLICATIONS	Umut Kocasari, Simon Giebenhain, Richard Shaw, and Matthias Nießner, “Face Anything: 4D Face Reconstruction from Any Image Sequence”, European Conference on Computer Vision (ECCV) Oral (Spotlight), 2026 Adil Meric, Umut Kocasari, Matthias Nießner, and Barbara Roessle, “G3DST: Generalizing 3D Style Transfer with Neural Radiance Fields across Scenes and Styles”, German Conference on Pattern Recognition (GCPR) , 2024 Enis Simsar, Umut Kocasari, Ezgi Gulperi Er, and Pinar Yanardag, “Fantastic Style Channels and Where to Find Them: A Submodular Framework for Discovering Diverse Directions in GANs”, Winter Conference on Applications of Computer Vision (WACV) , 2023 Berkay Doner*, Elif Sema Balcioglu*, Merve Rabia Barin*, Umut Kocasari, Mert Tiftikci, and Pinar Yanardag, “PaintInStyle: One-Shot Discovery of Interpretable Directions by Painting”, Computer Vision for Fashion, Art, and Design (CVPR Workshop), 2022 Umut Kocasari, Kerem Zaman, Mert Tiftikci, Enis Simsar, and Pinar Yanardag, “Rank in Style: A Ranking-based Approach to Find Interpretable Directions”, Computer Vision for Fashion, Art, and Design (CVPR Workshop), 2022 Umut Kocasari, Alara Dirik, Mert Tiftikci, and Pinar Yanardag, “StyleMC: Multi-Channel Based Fast Text-Guided Image Generation and Manipulation”, Winter Conference on Applications of Computer Vision (WACV) , 2022 Umut Kocasari*, Alperen Bag*, Efehan Atici, and Pinar Yanardag, “Exploring Latent Dimensions of Crowd-sourced Creativity”, Machine Learning for Creativity and Design (NeurIPS Workshop), 2021	
PROFESSIONAL EXPERIENCE	Deep Learning Working Student at Siemens, Munich, Germany	Aug 2024-Aug 2025 Worked on deep learning based emotion and gesture detection from a webcam in real-time. Improved the

performance and the accuracy of the previous detection models. Implemented an icon search algorithm based on semantic similarity. Created an icon creation and editing tool.

Machine Learning Working Student at Hohenstein, Munich, Germany Feb 2024-Aug 2024

Worked on a machine learning project to predict which test parameters should be applied to which materials. Developed a GUI to show the model predictions and make the framework more explainable. Created a decision support system reducing the workload of product specialists by 20 percent. I was directly reporting to the COO and lead chemist.

Data Scientist at Armut, Istanbul, Turkey July 2021-Feb 2024

Worked on a job fulfillment probability prediction algorithm, which increased the fulfillment rate by 5 percent. Implemented a customer satisfaction prediction model with 77% accuracy. Worked on an NPS simulation model taking KPIs as input and producing an NPS score as output, which has an error of 5 (MAE). Implemented a new matching algorithm based on contrastive learning, which outperformed previous methods by 30 percent in the quote rate metric. Worked on identity card analysis automation and improved an algorithm based on several deep learning methods, which has 80% card validation accuracy. I was directly reporting to the Head of Data Science.

Data Analytics Intern at Eczacıbaşı Bilişim, Istanbul, Turkey Nov 2020-June 2021

Implemented a demand forecasting algorithm, which decreased the error rate of previous methods by 15 percent (MAPE) reaching over 80 percent correctness. Worked on salesforce optimization by using data from the field.

Teaching Assistant at Bogazici University, Istanbul, Turkey Oct 2020-Feb 2021

(Department of Computer Engineering)

Teaching assistant for “Cmpe 250 Data Structures & Algorithms” class where I gave tutorials, projects and was responsible for grading.

Information Technology Intern at Allianz, Istanbul, Turkey July 2020-Sep 2020

Worked together with the software team and implemented OAuth 2.0 security protocol. Also examined Blockchain technology and presented it to senior management.

Data Science Intern at Artiwise, Istanbul, Turkey July 2019-Sep 2019

Worked on text normalization by using deep learning techniques: Developed a neural network model which corrects the misspelled word. I was responsible for building this model and directly reporting to the Chief Scientist. Tested it on a sentiment analysis dataset and got a 1% increase in accuracy.

SKILLS

- Research
- Artificial Intelligence
- Computer Vision
- Generative Adversarial Networks
- Machine Learning
- Predictive Modeling
- Deep Learning
- Natural Language Processing
- Python
- C++
- Algorithms and Databases
- Object Oriented Programming

LANGUAGES

- Turkish (Mother Tongue)
- English (C1-Advanced)

AWARDS & HONORS

1st Place in G-Research Competition (in 12 teams), 2023
1st Place in Datathon 2022 (in 165 teams), 2022
1st Place in Kariyer.net Datathon (in 26 participants), 2021
1st Place in Techcareer Datathon (in 52 participants), 2021
2nd Place in Medathon by Turkcell (in 10 teams), 2021

1st Place in Armut Datathon (in 11 teams), 2021
1st Place in Trendyol Datathon (in 8 teams), 2020
1st Place in EnGenius'20 Datathon by Eczacıbaşı Topluluğu (in 7 teams), 2020
3rd Place in Insider AI Race (in 60 participants), 2020
3rd Place in Setur Travel Datathon (in 50 teams), 2019
Ranked 152nd in 2016 National University Entrance Exam among 2.2 million students, 2016

**VOLUNTEER
EXPERIENCE**

Student at English Language Centre Bristol, United Kingdom **June 2018-Aug 2018**
Improved my English skills and met with people from different cultures at the language school. Took C1 level English certificate.

HOBBIES

Chess (1st degree in my hometown, Kastamonu)
Volleyball (3rd degree in a university tournament, Bogazici University)
Books

– Last updated on August, 2026 –