Gizem Esra Unlu

PhD Student @ UCL - 3D Computer Vision

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linkedin.com/in/unlugi
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Google Scholar

RESEARCH PUBLICATIONS

Rapid Sketch-Based 3D City Reconstruction | *Project Page, Video*   ECCV 2024
Gizem Esra Unlu, Mohamed Sayed, Yulia Gryaditskaya, and Gabriel Brostow

Interactive Sketching of Mannequin Poses | *Project Page, Video*   3DV 2022
Gizem Esra Unlu, Mohamed Sayed, and Gabriel Brostow

Person Inpainting with Generative Adversarial Networks | *Paper*   ECCVW 2018
Gizem Esra Unlu

EDUCATION

Doctor of Philosophy | *Computer Science*   Feb. 2020 – Sep. 2024
University College London   London, UK

Master of Science | *Computer Engineering*
Bogazici University   Istanbul, TR

Bachelor of Science | *Computer Engineering (Double Major)*
Istanbul Technical University   Istanbul, TR

Bachelor of Science | *Mathematics Engineering*
Istanbul Technical University   Istanbul, TR

TEACHING AND WORK EXPERIENCE

Teaching Assistant   Fall 2020 – Fall 2023
University College London   London, UK
- Worked as a teaching assistant for the graduate-level Machine Vision module.
- Overseeing weekly lab sessions and marking courseworks

Teaching Assistant   Fall 2019
Bogazici University   Istanbul, TR
- Worked as teaching assistant for the post-graduate Computer Vision Module.
- Overseeing lab sessions and marking courseworks

IT Intern   Sep. 2015 – June 2016
Mercedes-Benz Turkey,   Istanbul, TR
- Worked for the IT SAP&Rollout Services.

HONORS AND AWARDS

PhD Student Placement Award   Oct.2023 – June 2024
The Alan Turing Institute

ECCV 2018 Looking at People Satellite Workshop Challenge   2018
Image Inpainting Competition 1st place

SKILLS

Programming: Python, JavaScript, HTML
Deep Learning: PyTorch
Other: Blender (3D + Python Scripting), Adobe Creative Cloud Tools

THESES

Image Deblurring from Sign Language Videos
MSc Computer Engineering   2020

3D Facial Reconstruction from RGB Images
BSc in Computer Engineering   2017

Filtering Techniques in Speckle Noise Reduction
BSc in Mathematics Engineering   2017