Aymen Mir

EDUCATION

Feb 2020 – **PhD Candidate,** Advisor: Prof. Dr. Gerard Pons-Moll
Max Planck Institute for Informatics, University of Tübingen, Germany

Oct 2017–Dec 2019 **M.Sc.** Computer Science. GPA: 1.3/1.0
Saarland University, Germany

Aug 2013–Jul 2017 **B.Tech.** Computer Science and Engineering. GPA: 9.27/10
National Institute of Technology, Srinagar, India

WORK EXPERIENCE

Jun 2025 – Nov 2025 Research Intern, *Snap Research, New York City, USA*
Jun 2024 – Jun 2025 Research Intern, *Huawei Noah's Ark Lab, London, United Kingdom*
Feb 2022 – May 2024 Graduate Student Researcher, *University of Tübingen, Germany*
Feb 2020 – Feb 2022 Graduate Student Researcher, *Max Planck Institute, Saarbrucken, Germany*
Oct 2018 – Dec 2019 Student Researcher, *Max Planck Institute, Saarbrucken, Germany*
Dec 2015 – Mar 2016 Student Research Assistant*, Research Center, IIIT Hyderabad, India*

PUBLICATIONS

A. Mir, R. Alp-Guler, J.Wang, G. Pons-Moll, B.Zhou. Animated 3DGS Avatars in Diverse Scenes with Consistent Lighting and Shadows, *Under Review*

A. Mir, J.Wang, R. Alp-Guler, C.Guo, G. Pons-Moll, B.Zhou. AHA! Animating Human Avatars in Diverse Scenes With Gaussian Splatting, *Under Review*

A. Mir, A. Moreau, H.Dhamo, Z.Zhang, G. Pons-Moll, E. Perez-Pellitero. GASPACHO: Gaussian Splatting for Controllable Humans and Objects, *Under Review*

F.Khan, Y. Radwan, A. Felemban, E. Bakr, **A Mir**, A.Temple, N. Michiels, M. Berumen, M. Elhoseiny. FishNet++: Enhancing Aquatic Species Recognition with Keypoint Annotations, Segmentation Masks, and Species Description. *Under review*

A. Mir, X. Puig, A. Kanazawa, G. Pons-Moll. Generating Continual Human Motion in Diverse 3D Scenes. *In Proceedings of 3DV 2023*

V. Guzov*, **A.Mir***, T.Sattler, G. Pons-Moll. Human POSEitioning System: 3D Human Pose Estimation and Self-localization in Large Scenes from Body Mounted Sensors. In *Proc. of IEEE Conf. on Computer Vision and Pattern Recognition (CVPR)*, 2021 (**Best Paper Candidate**) [*= joint first authors with equal contribution]

J.Chibane, **A.Mir**, G.Pons-Moll. Neural Unsigned Distance Fields for Implicit Function Learning. *In Proc of Advances in Neural Information Processing (NeurIPS), 2020*

A. Mir, T. Alldieck, G. Pons-Moll. Learning to Transfer Texture from Clothing Images to 3D Humans. In *Proc. of IEEE Conf. on Computer Vision and Pattern Recognition (CVPR)*, 2020

PATENTS

Filed in Nov 2024 at the European Patent Office, PCT Application Number EP2024/082379. Apparatus and Method for Generating Novel Views with Human-Object Interaction *by* **A.Mir,** A. Moreau, Z.Zhang, E. Perez-Pelletiro

AWARDS

Oct 2025	Top Reviewer Award NeurIPS 2025
Feb 2024	Visiting Research Fellowship awarded by KAUST, supervised by Prof. M. Elhoseiny
Jun 2021	Paper Shortlisted for Best Paper Award at CVPR 2021 (**Top 30/9000**)
Oct 2017	Saarland University scholarship to pursue graduate studies at Saarland University
Jul 2017	Gold Medal for the highest GPA in the CS undergrad program at N.I.T Srinagar

TEACHING EXPERIENCE

Jul 2023	**Teaching Assistant,** *Informatics 3, Tubingen University*
Mar 2022	**Teaching Assistant,** *Mathematics for Machine Learning, Tubingen University*
Mar 2020	**Teaching Assistant,** *Machine Learning, Saarland University*
Mar 2023	**Bachelor Thesis,** Janik Jehkul**,** University of Tubingen

ACTIVITIES

Co-organizer of workshop ‘‘3D Poses in the Wild`` in conjunction with ECCV 2020, Glasgow UK.
Co-organizer of workshop ‘‘3D Composition Vision`` in conjunction with CVPR 2024, Seattle, USA
Reviewer: Pacific Graphics 2020, ECCV 2020, ICCV 2021, 3DV 2021, CVPR 2022, ECCV 2022, CVPR 2023, ICCV 2023, SIGGRAPH 2023, NeurIPS 2023, CVPR 2024, ECCV 2024, ICML 2024, CVPR 2024, ICCV 2025, NeurIPS 2025, CVPR 2025, AAAI 2025, ICLR 2026, Eurographics 2025 TPAMI

TALKS

May 2025 – BMVC Workshop on Virtual Humans, London
Jan 2024 - CAIR Vision Group, KAUST
Aug 2023 - Amazon Research, Tubingen

MISCELLENOUS

Programming Experience: Python, Matlab, C, C#, Pytorch, OpenGL
GRE Score (Sep 2016): Math – 169/170, English – 169/170, Writing – 4/6
Languages: English (fluent), German (intermediate), Urdu (native), Hindi (fluent), Kashmiri (native)