

Ojas Shirekar

Delft, The Netherlands | o.k.shirekar@tudelft.nl | github.com/ojss | linkedin.com/in/ojas-shirekar
| www.ojas.dev

Education

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| Delft University of Technology
<i>PhD, Computer Science</i>
• Working on embodied social agents. | Oct 2023 — Oct 2027
<i>Delft, The Netherlands</i> |
| Delft University of Technology
<i>MSc, Computer Science</i>
• Thesis Grade: 9.0 / 10.0 Cumulative Grade: 7.73/10.0
• Relevant Coursework: Machine Learning, Computer Vision, AI Techniques, Deep Learning, Conversational Agents, Web Science, Algorithms for Intelligent Decision Making, Behaviour Change Systems, Social Signal Processing | Aug 2020 — Aug 2022
<i>Delft, The Netherlands</i> |
| NMIMS
<i>BTech Computer Science</i>
• Cumulative Grade: 3.31 / 4.0
• Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Web Technologies, Object-Oriented Programming, Theory of Computation. | Aug 2013 — Aug 2017
<i>Mumbai</i> |

Publications

- Lică, M., **Shirekar, O. K.**, Colle, B., & Raman, C. (2025). MindForge: Empowering embodied agents with theory of mind for lifelong cultural learning. (NeurIPS 2025).
- **Shirekar, O. K.**, Pouw, W., Hao, C., Phadnis, V., Beeler, T., & Raman, C. (2025). Multimodal Quantitative Measures for Multiparty Behavior Evaluation. In Proceedings of the 27th International Conference on Multimodal Interaction.
- **Shirekar, O. K.**, Singh, A., & Jamali-Rad, H. (2023). Self-attention message passing for contrastive few-shot learning. In Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision.
- **Shirekar, O. K.**, & Jamali-Rad, H. (2022). Self-supervised class-cognizant few-shot classification. In 2022 IEEE International Conference on Image Processing.

Work Experience

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| AI Researcher
Shell Global B.V. | Oct 2022 — Oct 2023
<i>Amsterdam, Netherlands</i> |
| Senior Business Technology Analyst
ZS Associates | Jun 2019 — Dec 2019
<i>Pune, India</i> |
| Business Technology Analyst
ZS Associates | Jun 2017 — Dec 2017
<i>Pune, India</i> |

Skills

- **Programming Languages:** Python, Java, Scala, SQL, R, Haskell
- **Libraries/Frameworks:** PyTorch, Jax, scikit-learn, XGBoost, LightGBM
- **Tools/Platforms:** Git, Jujutsu, Docker/Podman, Apache Spark, Snowflake