

Sohail Ahmed Khan

✉ sohail(dot)khan(at)uib.no

🌐 <https://sohailahmedkhan.github.io/>

🌐 <https://www.linkedin.com/in/sohail-ahmed-khan-97794b175/>

Employment History

- Oct 2021 – Present 📖 **PhD Research Fellow**, SFI MediaFutures, Bergen, Norway.
- Dec 2020 – May 2021 📖 **Research Assistant**, Mohamed bin Zayed University of AI, Abu Dhabi, UAE.
- Sept 2020 – Dec 2020 📖 **Research Intern**, CYENS Centre of Excellence, Nicosia, Cyprus.

Education

- Oct 2021 – Present 📖 **Ph.D. Computational Visual Content Verification**, University of Bergen, Norway.
- Sept 2018 – Nov 2019 📖 **M.Sc. Cybersecurity and Artificial Intelligence**, University of Sheffield, UK. Thesis title: *Phishing Websites Classification using DeepLearning*.
- Sept 2013 – Sept 2017 📖 **B.Sc. (hons) Computer Science**, COMSATS University Islamabad, Pakistan.. Thesis title: *MyCompanion: AI based Android App for Mood Swing Detection*.

Research Publications

Journal Articles

- 1 **Khan, Sohail Ahmed**, Sheikhi, G., Opdahl, A. L., Rabbi, F., Stoppel, S., Trattner, C., & Dang-Nguyen, D.-T. (2023). Visual user-generated content verification in journalism: An overview. *IEEE Access*, 11. [doi:https://doi.org/10.1109/ACCESS.2023.3236993](https://doi.org/10.1109/ACCESS.2023.3236993)
- 2 Khan, W., Hussain, A., **Khan, S.A.**, Al-Jumaily, M., Nawaz, R., & Liatsis, P. (2021). Analysing the impact of global demographic characteristics over the covid-19 spread using class rule mining and pattern matching. *Royal Society Open Science*, 8. [doi:https://doi.org/10.1098/rsos.201823](https://doi.org/10.1098/rsos.201823)

Conference Proceedings

- 1 Aneja, S., Midoglu, C., Dang-Nguyen, D. T., **Khan, S.A.**, Riegler, M., Halvorsen, P., ... Adsumilli, B. (2022). ACM Multimedia Grand Challenge on Detecting Cheafakes. In *Proceedings of the 29th ACM International Conference on Multimedia (ACMMM'22)*, Lisbon, Portugal.
- 2 **Khan, S.A.**, & Dang-Nguyen, D. T. (2022). Hybrid transformer network for deepfake detection. In *Proceedings of the 29th ACM International Conference on Content-Based Multimedia Indexing (CBMI'22)*, Graz, Austria.
- 3 **Khan, S.A.**, Artusi, A., & Dai, H. (2021). Adversarially robust deepfake media detection using fused convolutional neural network predictions. In *Preprint*, <https://arxiv.org/abs/2102.05950>.
- 4 **Khan, S.A.**, & Dai, H. (2021). Video transformer for deepfake detection with incremental learning. In *Proceedings of the 29th ACM International Conference on Multimedia (ACMMM'21)* (pp. 1821–1828). Chengdu, China.
- 5 **Khan, S.A.**, Khan, W., & Hussain, A. (2020). Phishing attacks and websites classification using machine learning and multiple datasets (a comparative analysis). In *Proceedings of International Conference on Intelligent Computing (ICIC'20)* (pp. 301–313). Bari, Italy.

Skills

Coding	Python, PHP, SQL, HTML/CSS, \LaTeX , ...
ML/DL	PyTorch, KERAS, Scikit-Learn, OpenCV, Numpy, Pandas, ...
Web Dev	Wordpress, Bootstrap, Django.

Miscellaneous Experience

Oct - Dec 2022	Collaboration. I was based at Faktisk.no (a Norwegian fact-checking organisation) for 2.5 months
2020	Internship Experience UK. Awarded by Bright Network
	Cybersecurity Fundamentals. Awarded by IBM
	Writer. AnalyticsVidhya.com

References

Duc Tien Dang Nguyen Associate Professor University of Bergen, Norway.	Achim Brucker Professor University of Exeter, UK.	Wasiq Khan Senior Lecturer Liverpool John Moores University, UK.	Nesrine Kaaniche Lecturer University of Sheffield, UK.
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