

Sohail Ahmed Khan

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Employment History

- Oct 2021 – Present 📌 **PhD Research Fellow**, SFI MediaFutures, Bergen, Norway.
- Oct 2022 – Dec 2022 📌 **Research Intern**, Faktisk Verifiserbar, Oslo, 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**, & Dang-Nguyen, D.-T. (2023). Deepfake detection: A comparative analysis. *Arxiv*. Retrieved from [🔗 https://arxiv.org/pdf/2308.03471](https://arxiv.org/pdf/2308.03471)
- 2 **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)
- 3 Khan, W., Hussain, A., **Khan, S.A.**, Al-Jumailey, 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 Sheikhi, G., Touileb, S., & **Khan, S.A.** (n.d.). Automated claim detection for fact-checking: A case study using norwegian pre-trained language models. In *Proceedings of the 24rd nordic conference on computational linguistics (NODALIDA'23)*.
- 2 Moholdt, E., **Khan, S.A.**, & Dang-Nguyen, D. T. (2023). Detecting out-of-context image-caption pairs in news: A counter-intuitive method. In *Proceedings of the 30th ACM International Conference on Content-Based Multimedia Indexing (CBMI'23)*, Orleans, France.
- 3 Aneja, S., Midoglu, C., Dang-Nguyen, D. T., **Khan, S.A.**, Riegler, M., Halvorsen, P., ... Adsumilli, B. (2022). ACM Multimedia Grand Challenge on Detecting Cheapfakes. In *Proceedings of the 29th ACM International Conference on Multimedia (ACMMM'22)*, Lisbon, Portugal.
- 4 **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.

- 5 **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>.
- 6 **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.
- 7 **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

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

Miscellaneous Experience

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| 2020 | <ul style="list-style-type: none"> ■ Internship Experience UK. Awarded by Bright Network ■ Cybersecurity Fundamentals. Awarded by IBM ■ Writer. AnalyticsVidhya.com |
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References

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| 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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