Attaullah Sahito

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EDUCATION

Ph.D.   Machine Learning lab, Department of Computer Science, University of Waikato, Hamilton, New Zealand, 2017-2021

M.S.   Database Management Systems, Department of Computer Science, Sukkur-IBA University, Sukkur, Sindh, Pakistan, 2013-2015

B.S.   Computer Science, NUCES-FAST, Karachi, Sindh, Pakistan, 2007-2011

EXPERIENCE

Assistant Professor:
 Department of Computer Science, The Shaikh Ayaz University Shikarpur (formerly Shikarpur Campus, Shah Abdul Latif University Khairpur), Sindh, Pakistan
2017–Present

Lecturer: Dept. of Computer Science, Shah Abdul Latif University Khairpur, Sindh, Pakistan
2012-2017

Software Developer: Axatra Cloud Computing Pvt Ltd, Karachi, Sindh, Pakistan
2011-2012

PUBLICATIONS

2022   **Sahito, A.**, Frank, E., Pfahringer, B., "Better Self-training for Image Classification Through Self-supervision." In: *AI 2021: Advances in Artificial Intelligence*. Ed. by Guodong Long, Xinghuo Yu, and Sen Wang. Cham: Springer International Publishing, 2022, pp. 645–657. ISBN: 978-3-030-97546-3

2020   **Sahito, A.**, Frank, E., Pfahringer, B., "Transfer of Pretrained Model Weights Substantially Improves Semi-supervised Image Classification." In: *AI 2020: Advances in Artificial Intelligence*. Ed. by Marcus Gallagher, Nour Moustafa, and Erandi Lakshika. Cham: Springer International Publishing, 2020, pp. 433–444. ISBN: 978-3-030-64984-5

2019   **Sahito, A.**, Frank, E., Pfahringer, B., "Semi-supervised Learning Using Siamese Networks." In: *AI 2019: Advances in Artificial Intelligence*. Ed. by Jixue Liu and James Bailey. Cham: Springer International Publishing, 2019, pp. 586–597. ISBN: 978-3-030-35288-2

2017   Chandio, J. A., Soomrani, M. A. R., **Sahito, A.**, Siddiqui, S., "Initiative for Thyroid Cancer Diagnosis: Decision Support System for Anaplast Thyroid Cancer." In: *Sukkur IBA Journal of Computing and Mathematical Sciences* 1.2 (2017), pp. 48–56

2017   Shaikh, M. B., Rehman, M. A., **Sahito, A.,** "Optimizing Distributed Machine Learning for Large Scale EEG Data Set." In: *Sukkur IBA Journal of Computing and Mathematical Sciences* 1.1 (2017), pp. 114–121

2016   Chandio, J. A., **Sahito, A.**, Soomrani, M. A. R., Abbasi, S. A., "TDV: Intelligent system for thyroid disease visualization." In: *2016 International conference on computing, electronic and electrical engineering (ICE Cube)*. IEEE. 2016, pp. 106–112

2016   **Sahito, A.**, Rahman, M. A., Jamil, A., "Adaptive error detection method for P300-based spelling using Riemannian geometry." In: *International Journal of Advanced Computer Science and Applications* 7.11 (2016)

2013   **Sahito, A.**, Rajpar, S., Shaikh, A. Z., "CHATEM: Chat Emotion Mapper." In: *Sindh University Research Journal* 45.3 (2013), pp. 07–10

AWARDS

Awards and Honors

2022   Higher Education Commission, Pakistan Approved PhD Supervisor

2021   The University of Waikato Research & Enterprise Study Award.

2016   Higher Education Commission, Pakistan Overseas Scholarship for PhD at the University of Waikato, New Zealand

2016   Distinction (1st position) – Gold Medal MSCS, Sukkur-IBA.

2010 2nd Position at National University of Science and Technology-EME Olympiad All Pakistan Speed Programming Competition.

2007   National ICT R & D Fund Scholarship for BSCS at FAST-NUCES, Karachi, Sindh, Pakistan

CERTIFICATIONS

2018   Deep Learning Reinforcement Learning Summer School (DLRL) 2018 – Organized by CIFAR Canada and University of Toronto

2017   Coursera Deep Learning Specialization.

PRESENTATIONS

Invited Talks

2018   Guest lecture "Applied Machine learning using WEKA", SZABIST Larkana, Sindh, Pakistan

Poster

2021   Self-Supervised pretraining for Semi-supervised learning, NZAI

TEACHING

2023   Deep Learning, Analysis of Algorithms

2022   Machine Learning, Artificial Intelligence, Data Mining

PROFESSIONAL CONTRIBUTION AND AFFILIATION

202   Journal Reviewer for IEEE Transactions on Artificial Intelligence

2021   Member of New Zealand Artificial Intelligence Researchers

2017-21   TPM Wahanu PhD Student Member

LABS ASSISTANTSHIP

2020   Graduate Assistant for Python Programming, University of Waikato, Hamilton, New Zealand

SUPERVISION

2023-24   Smart and Rapid Prediction System for Skin Disease using Machine Learning –
             Co-Supervisor– PhD Thesis

2023   Brain Tumor Detection using Deep Learning – Supervisor– Undergraduate student project

2023   Tomatoes disease detection using leaves –Supervisor– Undergraduate student project

REFERENCES

References are available upon request.