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Programme:	Computer Science Technology, Digital Media Technology, Software Engineering
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RESEARCH INTERESTS

Affective computing, brain computer interfaces, pattern recognition, applied program analysis, distributed systems framework: process scheduling, memory/resource allocation.

EDUCATIONAL BACKGROUND

- PhD (Computer Engineering), Dept. of Computer Engineering, Chonbuk National University, South Korea (2017)
- MSc (Computer Science), Dept. of Computer Science, Linnaeus University, Sweden (2010)
- MSc (Computer Science), Dept. of Computer Science, Vaxjo University, Sweden (2009)
- BSc. (Computer Science), Dept. of Computer Science, Gomal University, Pakistan (2004)

WORKING EXPERIENCE

- Assistant Professor, Information and Communication Technology, Xiamen University, Malaysia (092018-date)
- Research Professor, Department of Brain & Cognitive Engineering, Korea University, South Korea (092017-082018)
- Research Fellow, SE Lab, Chonbuk National University, South Korea (032014-082017)
- Lecturer, Dept. of Software Engineering, King Saud University, Saudi Arabia (042011-032014)
- Lecturer, Dept. of Software Engineering, Bahria University, Pakistan (012011-042011)
- Lecturer, Dept. of Computer Science, KICSIT, Pakistan (122005-062007)

HONORS/AWARDS/GRANTS

- XMUMRF, grant received from Xiamen University, Malaysia (2019)
- Research fellow, Brain Korea 21, South Korea (2017)
- National Research Foundation of Korea (NRF) Grant, South Korea (2014)
- PhD Scholarship, South Korea (2014)
- MSc Scholarship, Sweden (2007)

REPRESENTATIVE PUBLICATION

1. Mehmood, R. M., Du R. and H. J. Lee (2017). "Optimal Feature Selection and Deep Learning Ensembles Method for Emotion Recognition from Human Brain EEG-Sensors". IEEE Access, DOI: 10.1109/ACCESS.2017.2724555.
2. Mehmood, R.M.; Lee, H.J. Towards Building a Computer Aided Education System for Special Students Using Wearable Sensor Technologies. Sensors 2017, 17, 317.
3. Mehmood, R. M. and H. J. Lee (2016). "A Novel LPP based Feature Extraction Method for Emotion Recognition of EEG Brain Signal Patterns". Computers & Electrical Engineering, International Journal.
4. Mehmood, R. M. and H. J. Lee (2016). "Toward an analysis of emotion regulation in children using late positive potential". 2016 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). DOI: 10.1109/EMBC.2016.7590694.
5. Mehmood, R. M. and H. J. Lee (2016). "Towards human brain signal preprocessing and artifact rejection methods". Int'l Conf. Biomedical Engineering and Sciences (BIOENG'16), At Lasvegas, USA.
6. Mehmood, R. M. and H. J. Lee (2016). "Emotion recognition from EEG brain signals based on particle swarm optimization and genetic search". 2016 IEEE International Conference on Multimedia & Expo Workshops (ICMEW), At Seattle, USA. DOI: 10.1109/ICMEW.2016.7574682.
7. Mehmood, R. M. and H. J. Lee (2015). "Exploration of Prominent Frequency Wave in EEG Signals from Brain Sensors Network." International Journal of Distributed Sensor Networks.
8. Mehmood, R. M. and H. J. Lee (2015). "EEG based Emotion Recognition from Human Brain using Hjorth Parameters and SVM." International Journal of Bio-Science and Bio-Technology Vol.7, No.3 (2015), pp.23-32. <http://dx.doi.org/10.14257/ijbsbt.2015.7.3.03>.
9. Du, R., R. M. Mehmood, et al. (2014). "Alpha activity during emotional experience revealed by ERSP." Journal of Internet Technology 15(5): 775-782.
10. Mehmood, R. M. and H. J. Lee (2015). "Towards emotion recognition of EEG brain signals using Hjorth parameters and SVM". Bioscience and Medical Research 2015, vol. 91, pp. 24-27, 2015. URL: http://onlinepresent.org/proceedings/vol91_2015/5.pdf
11. Gao, Y., Mehmood, R. M., H. J. Lee, et al. (2015). Deep learning of EEG signals for emotion recognition. Multimedia & Expo Workshops (ICMEW), 2015 IEEE International Conference on, IEEE.
12. Mehmood, R. M. and H. J. Lee (2015). Emotion classification of EEG brain signal using SVM and KNN. Multimedia & Expo Workshops (ICMEW), 2015 IEEE International Conference on, IEEE.
13. Mehmood, R. M. and H. J. Lee (2015). ERP analysis of emotional stimuli from brain EEG signal. Int'l Conf. Biomedical Engineering and Science | BIOENG'15.