



















- [17] OORD, A. V. D., DIELEMAN, S., ZEN, H., SIMONYAN, K., VINYALS, O., GRAVES, A., KALCHBRENNER, N., SENIOR, A., AND KAVUKCUOGLU, K. Wavenet: A generative model for raw audio. *arXiv preprint arXiv:1609.03499* (2016).
- [18] PARAK, R., AND JURICEK, M. Intelligent sampling of anterior human nasal swabs using a collaborative robotic arm. *MENDEL 28*, 1 (2022), 32–40.
- [19] PITTALA, R. B., TEJOPRIYA, B., AND PALA, E. Study of speech recognition using cnn. In *2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)* (2022), IEEE, pp. 150–155.
- [20] RATHER, A. M. Lstm-based deep learning model for stock prediction and predictive optimization model. *EURO Journal on Decision Processes 9* (2021), 100001.
- [21] SAK, H., SENIOR, A., AND BEAUFAYS, F. Long short-term memory recurrent neural network architectures for large scale acoustic modeling. *Interspeech 2014* (2014).
- [22] SAON, G., SOLTAU, H., EMAMI, A., AND PICHENY, M. Unfolded recurrent neural networks for speech recognition. In *Fifteenth Annual Conference of the International Speech Communication Association* (2014).
- [23] SCHULER, J. P. S., ROMANI, S., ABDELNASSER, M., RASHWAN, H., AND PUIG, J. Color-aware two-branch dnn for efficient plant disease classification. *MENDEL 28* (2022), 55–62.
- [24] SOULI, S., AMAMI, R., SOLTANI, A., AND YAHIA, S. B. On the use of deep learning and scattering transform for pathological voice recognition. In *2022 8th International Conference on Control, Decision and Information Technologies (CoDIT)* (2022), vol. 1, IEEE, pp. 1055–1058.
- [25] SOULI, S., AMAMI, R., AND YAHIA, S. B. A robust pathological voices recognition system based on deep learning and scattering transform. *Applied Acoustics 177* (2021), 107854.