Ibrahim Khebour

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Education

Colorado State University — August 2022 – Present
PhD in Computer Science — *Fort Collins, Colorado, USA*

Tunisia Polytechnic School — Sep 2019 – June 2022
Multidisciplinary Engineering degree — *Tunis, Tunisia*

Preparatory Institute for Engineering Studies of El Manar — Sep 2017 – June 2019
Ranked 36th out of 2000 in the national exam — *Tunis, Tunisia*

Research Experience

Graduate Research Assistant — August 2022 – Present
Colorado State University, SIGNAL lab — *Fort Collins, Colorado, USA*
- Multi-modal AI based agent to analyse collaborative problem solving behaviour
- NLP feature extraction
- Gesture recognition

Graduation Internship — February 2022 – June 2022
Colorado State University, SIGNAL lab — *Fort Collins, Colorado, USA*
- NLP data processing and augmentation
- Making a classifier

Data Science Internship — June 2021 – August 2021
Datagram — *Tunis, Tunisia*
- Development of semantic textual similarity models
- Fine tuning Bert, Universal Sentence Encoder and Doc2Vec

Research Presentations

Nath, A., Mahdipour Saravani, S., Khebour, I., Mannan, S., Li, Z., and Krishnaswamy, N. (2022) – A Generalized Method for Automated Multilingual Loanword Detection. In International Conference on Computational Linguistics (COLING).

Dickler, R., Foltz, P. W., Krishnaswamy, N., Whitehill, J., Weatherly, J., Bodzianowski, M., Perkoff, M., Southwell, R., Pugh, S., Bush, J., Chang, M., Hirshfield, L. M., Showers, D., Ganesh, A., Li, Z., Danilyuk, E., He, X., Khebour, I., Dey, I., Puntambekar, S., and D'Mello, S. K. (2022) – iSAT speech-based AI display for small group collaboration in classrooms. In Interactive event at International Conference on Artificial Intelligence in Education (AIEd). International AIEd Society.

Specialized Skills

Programming Languages: Python (Expert), C/C++ (Intermediate), R (beginner)
Mathematics: Calculus, Linear algebra, Probability, Statistics, ...
Communication: Arabic, French, English
Adaptability: Love learning new subjects
Athletics: Professional Sailor
Music: Piano