

Ibrahim Khebour

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Education

Colorado State University

PhD in Computer Science

August 2022 – Present

Fort Collins, Colorado, USA

Tunisia Polytechnic School

Multidisciplinary Engineering degree

Sep 2019 – June 2022

Tunis, Tunisia

Preparatory Institute for Engineering Studies of El Manar

Ranked 36th out of 2000 in the national exam

Sep 2017 – June 2019

Tunis, Tunisia

Research Experience

Graduate Research Assistant

Colorado State University, SIGNAL lab

August 2022 – Present

Fort Collins, Colorado, USA

- Multi-modal AI based agent to analyse collaborative problem solving behaviour
- NLP feature extraction
- Gesture recognition

Graduation Internship

Colorado State University, SIGNAL lab

February 2022 – June 2022

Fort Collins, Colorado, USA

- NLP data processing and augmentation
- Making a classifier

Data Science Internship

Datagram

June 2021 – August 2021

Tunis, Tunisia

- Development of semantic textual similarity models
- Fine tuning Bert, Universal Sentence Encoder and Doc2Vec

Research Presentations

Bradford, M., Khebour, I., Blanchard, N., and Krishnaswamy, N. (2023). Automatic Detection of Collaborative States in Small Groups Using Multimodal Features. In International Conference on Artificial Intelligence in Education (AIED). International AIED Society

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).

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