Name: Mohamed HachemKermani

Rank: Maitre de Conference B

Department: Preparatory class

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Educational Profile:

- June 2019: PhD in Computer Science with honors from the University of AbdelhamidMehri Constantine 2. Algeria.

- June 2014: Master's degree with honors in Computer Science, Specialty: Information Systems and Web Technologies from the University of AbdelhamidMehri Constantine 2. Algeria.

- June 2012: Bachelor in Computer Science, Specialty: Information Systems and Web Technologies from the University of AbdelhamidMehri Constantine 2. Algeria.

Honors and Distinctions

- Top of the 2014 class of the Faculty of New Technologies of Information and Communication, Constantine, Algeria.

Scientific Activities & Membership of Scientific Societies

From June 2019 :member of the Smart FabLab innovation unit at AbdelhamidMehri Constantine 2 University, working on a project that involves predicting and 3D printing proteins.

Since January 2019 :member of the International Association of Engineers.

List of Current Research Projects

- Artificial Intelligence: Multi-Agent Systems, Machine/Deep Learning
- Semantic Web: MetaData, Ontologies
- Bioinformatics: DNA sequencing, Protein sequencing, Automatic protein prediction

List of Journal Publications

- ❖ Mohamed HachemKermani, ZizetteBoufaida, Sabrina Benredjem and AmaniNesrineSaker. An MVC-inspired Approach for an Intelligent Annotation of a Protein Ontology : IA-PrOnto.International Journal of Computer Information Systems and Industrial Management Applications. Volume 13 pp. 308-318 . 2021.

- ❖ Mohamed HachemKermani, ZahiaGuessoum and ZizetteBoufaida. A Two- Step Methodology for Dynamic Construction of a Protein Ontology. IAENG International Journal of Computer Science, vol. 46, no. 1, 2019.

List of Conference Papers

- ❖ Mohamed HachemKermani and ZizetteBoufaida. I 3D3P: an Intelligent 3D Protein Prediction Platform**.**10th International Conference on Applied Innovations in IT, (ICAIIT), (pp. 37-42). 2022.

- ❖ Mohamed HachemKermani and ZizetteBoufaida. A2PF: An Automatic Protein Production Framework. 20th International Conference on Intelligent Systems Design and Applications (pp. 80-91). Springer, Cham. 2020.

- ❖ Mohamed HachemKermani and ZizetteBoufaida. A State of Art on Biological Systems Modeling. In 2016 IEEE Intl Conference on Computational Science and Engineering (CSE) and IEEE Intl Conference on Embedded and Ubiquitous Computing (EUC) and 15th Intl Symposium on Distributed Computing and Applications for Business Engineering (DCABES), pages 712-715. IEEE, 2016.

- ❖ Mohamed HachemKermani and ZizetteBoufaida. A modeling of a multi- agent system for the protein synthesis. In 2015 IEEE/ACS 12th International Conference of Computer Systems and Applications (AICCSA), pages 1-7. IEEE, 2015.