

# CURRICULUM VITAE



## Personal information

- **Personal**
  - Prof. SID Karima
  - Professor, Mathematics & Computer Science department, University of Oum El Bouaghi, Algeria.
  - E-mail: sid.karima@univ-oeb.dz
  - Mobile: 0661743578
- **Researcher identity**
  - Google Scholar: <https://scholar.google.fr/citations?user=Jmn2YdsAAAAJ&hl=fr>
  - ReaserchGate: <https://www.researchgate.net/profile/Karima-Sid>
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## Education

- **Ph.D.'s degree** in 2020
- **Master's degree** in 2014
- **Engineer's degree** in 2009

## Functions and Affiliations

- ❖ IT Engineer 2009 - 2014
  - University of Oum El Bouaghi
- ❖ Research-professor 2014 -2023.
  - University of Oum El Bouaghi
- ❖ Member of the research laboratory: Computer Science Laboratory in Data Science and Artificial Intelligence - LISIA.

## Teaching modules

Algorithmique & structure de données

Rédaction scientifique

Structure machine

## International publications

- Karima SID & Mohammed BATOUCHE. (2017). Big Data Analytic Techniques in Virtual Screening for Drug Discovery. In the 2nd international Conference on Big Data, Cloud and Applications (BDCA), ACM, Morocco, Article 9, pp. 1-7.
- Karima SID & Mohammed BATOUCHE. (2018). Ensemble Learning for Large Scale Virtual Screening on Apache Spark. In 6th IFIP International Conference on Computational Intelligence and Its Applications, Springer, Cham, Vol. 522, pp. 244-256.
- Noura BOUDIAF, Kamel BENSABER, Karima SID, Radia SAHBI. (2010). EDITING AND ANALYZING AUML MODEL: A MAUDE BASED TOOL. Journal of Theoretical & Applied Information Technology, Vol 13, N°1, pp.65-82, 2010.
- Karima SID & Mohammed BATOUCHE. (2021). Distributed heterogeneous ensemble learning on Apache Spark for ligand-based virtual screening. International Journal of Data Mining, Modelling and Management, 13(1-2), 160-191.
- Karima SID, Soumia ZERTAL, & Chaker MEZIOUD. (2022, October). DeepD\_DrugC: Deep and distributed workflow to predict drug-candidates. In 2022 4th International Conference on Pattern Analysis and Intelligent Systems (PAIS) (pp. 1-8). IEEE.

## Interests and Qualifications

- **Interests:** AI & Machine Learning, Data Science & Data Analytics, Programming, Mobile App Development, IoT (Internet of Things).
- **Qualifications:**
  - Proficiency in ICT and teaching practices.
  - Project management.
  - Strong decision maker.
  - High-quality knowledge generation and transmission.
  - Service-focused.
  - Critical thinking.
  - Complex problem solver.
- **Other:** Perseverance, spirit of imitativeness, sociability and ability to work in a group.