



**Charbel Obeid, Ph.D.**

Assistant Professor

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## Biography

Charbel earned his Ph.D. in Computer Science from Université Claude Bernard Lyon 1, France, in 2021. He also holds a University Diploma in University Pedagogy from Saint Joseph University (USJ), Lebanon. During his doctoral studies, he developed a hybrid recommender system based on ontology and case-based reasoning. In 2024, Charbel joined Notre Dame University (NDU) as an Assistant Professor in the Faculty of Natural and Applied Sciences, where he currently teaches undergraduate courses in Computer Science and Computer and Communication Engineering. His primary research interests focus on smart and hybrid recommender systems.

## Peer-reviewed Journals

- Charbel Obeid, Inaya Lahoud, Hicham El Khoury and Pierre-Antoine Champin. 2018. Ontology-based recommender system in higher education. The Web Conference Companion (WWW 2018), April 23-27, 2018, Lyon, France, ACM, New York, NY, 4 pages. DOI: <https://doi.org/10.1145/3178876.3191533>
- Charbel Obeid, Christine Lahoud, Hicham El Khoury, Pierre-Antoine Champin. Conceptual Clustering of University Graduate Students' Trajectories Using Formal Concept Analysis: A Case Study in Lebanon. International Journal of Continuing Engineering Education and Life-Long Learning, Inderscience, 2020, 30 (1), pp.1. (10.1504/IJCEELL.2020.10027147). (hal-02737553).
- Charbel Obeid, Christine Lahoud, Hicham El Khoury, Pierre-Antoine Champin. A hybrid recommender system approach for students' academic advising supported by case-based reasoning and ontology. Computer Science and Information Systems Journal, January 2022. <http://dx.doi.org/10.2298/CSIS220215011O>
- Lahoud, C., Moussa, S., Obeid, C. et al. A comparative analysis of different recommender systems for university major and career domain guidance. Educ Inf Technol (2022). <https://doi.org/10.1007/s10639-022-11541-3>

## Exhibitions, Competitions and Creative Work

### Local

- 2014: Technology in education: integration and innovation – NDU Louize.
- 2016: 3<sup>rd</sup> robotics competition in Lebanon at AUB University organized by VEX Lebanon.
- 2017: 4<sup>th</sup> robotics competition in Lebanon at NDU University organized by VEX Lebanon.
- 2018: 5<sup>th</sup> robotics competition in Lebanon at NDU University organized by VEX Lebanon.
- 2019: Edutech digital transformation, Artificial intelligence, Robotics, and Cyber Security.
- 2022: Digital Transformation and Government seminar organized by Lebanese IT syndicate at Jounieh municipality.

## **Regional**

- 2022: Intersec Expo in Dubai from 16 to 18 January 2022.

## **International**

- 2018: The Development Strategy workshop organized by DBpedia (A Global Open Knowledge Network) at ENS de Lyon on July 3<sup>rd</sup>, 2018.

## **LinkedIn profile**

<https://www.linkedin.com/in/charbel-obeid-phd-7b9aab4b/>