

Dorsaf SALLAMI

Computer Science Ph.D. student at University of Montreal

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EDUCATION

2022 - ongoing	Ph.D. student, Computer Science, At the university of Montreal.
2020 - 2022	Computer Science Master student, AI Major with thesis option, At the university of Montreal.
2017 - 2020	Software Engineering Student, At ISSAT, Tunisia.
2015 - 2017	Preparatory cycle, At ISSAT, Mathematics, Physics and Computer Science, Tunisia.

PUBLICATIONS

- SALLAMI, Dorsaf, and AÏMEUR, Esma. **Exploring Beyond Detection: A Review on Fake News Prevention and Mitigation Techniques**. In AI Open Journal. 2023. (Submitted).
- SALLAMI, Dorsaf, GUEDDICHE, Ahmed, and AÏMEUR, Esma. **From Hype to Reality: Transformer-Based Models for Fake News Detection Performance and Robustness Revealed**. In 3rd Workshop on Adverse Impacts and Collateral Effects of Artificial Intelligence Technologies. 2023.
- SALLAMI, Dorsaf, BEN SALEM, Rim, and AÏMEUR, Esma. **Trust-based Recommender System for Fake News Mitigation**. In: Adjunct Proceedings of the 31st ACM Conference on User Modeling, Adaptation and Personalization. 2023. p. 104-109.
- AMRI, Sabrine, SALLAMI, Dorsaf, et AÏMEUR, Esma. **Exmulf: an explainable multimodal content-based fake news detection system**. In: International Symposium on Foundations and Practice of Security. Cham: Springer International Publishing, 2021. p. 177-187.
- ABDALLAH, Wejden, KANZARI, Dalel, SALLAMI, Dorsaf, et al. **A deep reinforcement learning based decision-making approach for avoiding crowd situation within the case of Covid'19 pandemic**. Computational Intelligence, 2022, vol. 38, no 2, p. 416-437.

WORK/INTERSHIPS

May 2023 August 2023	Data Analyst Intern Data Cleaning, Data Integration, Data Visualization Python, NetSuite, Databases	Videotron, Montreal
January 2023 April 2023	Graduate Teaching Assistant, Course : Data Structure. Conducting lab sessions, assisting the professor, grading assignments and holding office hours	University of Montreal
September 2022 December 2023	Tutoring, University of Montreal, DIRO Enhance the academic support and learning experiences of the students.	
May 2022 April 2023	Front End Developer, Angular, Github	University of Montreal
September 2021 April 2022	BI - Data Analyst Intern Data Cleaning, Data Integration, Data Visualization Python, NetSuite, Databases	Société Générale, Montreal

August 2020 November 2020	Freelance REM4U , France Multimodal transport solution: <ul style="list-style-type: none"> • Analysis of the APIs of the different transport operators. • Comparative study on existing solutions. • Heuristic route search in a multimodal transport network. Python , Web Scraping , MongoDB
February 2020 April 2020	Freelance SINAY , France Development of connectors : <ul style="list-style-type: none"> • Use of APIs (Planet os, Copernicus and Emodnet) to download the data. • Cleaning and standardizing data. • Storing data in Buckets and tables BigQuery. Python , Kafka , BigQuery , Buckets
February 2020 July 2020	Research Internship ITPEAC , Tunisia An approach to optimizing decision-making in a crisis based on deep reinforcement learning. Case Study: COVID-19 Pandemic
July 2019 August 2019	AI Intern Open Bee , Tunisia :Design and development of a bilingual Chatbot. RASA , Python , NLP , ML , Google Translate API

SKILLS

- **Programming Languages:** Python, Java
- **Web Development:** Angular.js, Flask
- **Machine Learning and Statistical Analysis:** PyTorch, NLTK, ScikitLearn, Keras,OpenCV ,PyTorch
- **Database:** SQL, MongoDB
- **Agile Software Development:** Git, Jira
- **Documentation :** Latex, Markdown

SCHOLARSHIPS

Fall, Winter 2022 Winter 2023	DIRO Excellence-Writing-Support scholarship competition, University of Montreal
2020—ongoing	TUNISIAN National Scholarship for studies in Canada

ACADEMIC SERVICES

Publicity Chair for the workshop "AiOfAi: 3rd Workshop on Adverse Impacts and Collateral Effects of Artificial Intelligence Technologies" at the 32nd International Conference on Artificial Intelligence (IJCAI-23).

LANGUAGES

ENGLISH : Very good

FRENCH: Very good

ARABIC : Very good

EXTRACURRICULAR ACTIVITIES

2019 2020	Training Manager ARSII Association, Tunisia
2018 2020	Treasurer ISSATSo Data Science Club, Tunisia