

# Mohamed Reda Bouadjenek – Ph.D, Lecturer (Assistant Professor)

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<b>Citizenship</b>	Algerian Citizen; French Citizen; Canadian Permanent Resident; Australian Permanent Resident.																		
<b>Interests</b>	Information Retrieval, Biomedical Text Mining, Social Network Analysis, Machine Learning, Deep Learning, Recommender Systems, Databases, Data Quality, and Data Analysis.																		
<b>Education</b>	<p><b>Deakin University</b>, Geelong, Australia <b>Graduate Certificate</b> of Higher Education for Learning and Teaching (Jun. 2021)</p> <p><b>University of Paris-Saclay</b>, Versailles, France <b>Ph.D.</b>, Computer Science (Dec. 2013) • Supervisors: Mokrane Bouzeghoub and Hakim Hacid • Research Field: <i>Information Retrieval and Machine Learning</i></p> <p><b>University of Paris-Saclay</b>, Versailles, France <b>M.S.</b>, Computer Science (Sep. 2009) • Supervisors: Mokrane Bouzeghoub • Major: <i>Databases and Distributed Information Systems</i></p> <p><b>University of Sciences and Technology Houari Boumediene</b>, Algiers, Algeria <b>B.S.</b>, Computer Science (Jun. 2008) • Major: <i>Databases and Information Systems</i></p>																		
<b>Employment</b>	<table><tbody><tr><td><b>Deakin University</b>, Geelong, VIC, Australia. • <i>Lecturer (Assistant Professor)</i>, Applied Artificial Intelligence.</td><td><b>Nov. 2019 – Present</b></td></tr><tr><td><b>University of Toronto</b>, Toronto, ON, Canada. • <i>Research Fellow</i>. Supervisor: Scott Santer.</td><td><b>Nov. 2017 – Oct. 2019</b></td></tr><tr><td><b>The University of Melbourne</b>, Melbourne, VIC, Australia. • <i>Research Fellow</i>. Supervisor: Karin Verspoor and Justin Zobel.</td><td><b>Sep. 2015 – Sep. 2017</b></td></tr><tr><td><b>Oregon State University</b>, Corvallis, OR, USA. • <i>Visiting Researcher</i>. Supervisor: Scott Santer.</td><td><b>Jul. 2015 – Aug. 2015</b></td></tr><tr><td><b>INRIA</b>, Montpellier, France. • <i>Postdoc Researcher</i>. Supervisors: Esther Pacitti and Patrick Valduriez.</td><td><b>Jan. 2014 – Jul. 2015</b></td></tr><tr><td><b>UCSB</b>, Santa Barbara, CA, USA. • <i>Visiting Researcher</i>. Supervisor: Amr El Abbadi.</td><td><b>Nov. 2014 – Dec. 2014</b></td></tr><tr><td><b>NICTA</b>, Canberra, ACT, Australia. • <i>Visiting Researcher</i>. Supervisor: Scott Santer.</td><td><b>Aug. 2013 – Dec. 2013</b></td></tr><tr><td><b>Alcatel-Lucent Bell Labs</b>, Nozay, France. • <i>Research Engineer</i>. Supervisor: Hakim Hacid.</td><td><b>Mar. 2010 – Mar. 2013</b></td></tr><tr><td><b>DAVID Lab</b>, <b>University of Paris-Saclay</b>, Versailles, France. • <i>Master Student Internship</i>. Supervisor: Mokrane Bouzeghoub.</td><td><b>Apr. 2009 – Sep. 2009</b></td></tr></tbody></table>	<b>Deakin University</b> , Geelong, VIC, Australia. • <i>Lecturer (Assistant Professor)</i> , Applied Artificial Intelligence.	<b>Nov. 2019 – Present</b>	<b>University of Toronto</b> , Toronto, ON, Canada. • <i>Research Fellow</i> . Supervisor: Scott Santer.	<b>Nov. 2017 – Oct. 2019</b>	<b>The University of Melbourne</b> , Melbourne, VIC, Australia. • <i>Research Fellow</i> . Supervisor: Karin Verspoor and Justin Zobel.	<b>Sep. 2015 – Sep. 2017</b>	<b>Oregon State University</b> , Corvallis, OR, USA. • <i>Visiting Researcher</i> . Supervisor: Scott Santer.	<b>Jul. 2015 – Aug. 2015</b>	<b>INRIA</b> , Montpellier, France. • <i>Postdoc Researcher</i> . Supervisors: Esther Pacitti and Patrick Valduriez.	<b>Jan. 2014 – Jul. 2015</b>	<b>UCSB</b> , Santa Barbara, CA, USA. • <i>Visiting Researcher</i> . Supervisor: Amr El Abbadi.	<b>Nov. 2014 – Dec. 2014</b>	<b>NICTA</b> , Canberra, ACT, Australia. • <i>Visiting Researcher</i> . Supervisor: Scott Santer.	<b>Aug. 2013 – Dec. 2013</b>	<b>Alcatel-Lucent Bell Labs</b> , Nozay, France. • <i>Research Engineer</i> . Supervisor: Hakim Hacid.	<b>Mar. 2010 – Mar. 2013</b>	<b>DAVID Lab</b> , <b>University of Paris-Saclay</b> , Versailles, France. • <i>Master Student Internship</i> . Supervisor: Mokrane Bouzeghoub.	<b>Apr. 2009 – Sep. 2009</b>
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**External  
Grant  
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- **Co-PI, Defence Science and Technology: AI for Decision Making Initiative (2021).**  
Title: *Utilizing Extractive-Abstractive Summarization for Understanding the Narrative of Social Media Users from Multimodal Data* (AUD\$20K).

**Selected  
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- S. Lyu, A. Rana, S. Sanner, M.R. Bouadjenek, **“A Workflow Analysis of Context-driven Conversational Recommendation”**, In *Proceedings of The Web Conference (WWW)*, 866–877, 2021.
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- S. Gupta, A. Robels-Kelly, M.R. Bouadjenek, **“Feature Extraction Functions for Neural Logic Rule Learning”**, In *Structural, Syntactic, and Statistical Pattern Recognition (S+SSPR)*, 98–107, 2020.
- B. Zhang, S. Sanner, M. R. Bouadjenek, S. Gupta, **“Bayesian Networks for Data Integration in the Absence of Foreign Keys”**, In *IEEE Transactions on Knowledge and Data Engineering*, Vol 32, 803–808, 2020.
- S. Gupta, D. Ko, M.R Bouadjenek, S. Sanner, A. Chong, P. Austin, M. Koh, **“Evaluation of Machine Learning Algorithms for Predicting Readmission after Acute Myocardial Infarction Using Routinely Collected Clinical Data”**, In *Canadian Journal of Cardiology*, Vol 36, 878–885, 2020.
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- M. R. Bouadjenek, K. Verspoor, J. Zobel, **“Literature Consistency of Bioinformatics Sequence Databases is Effective for Assessing Record Quality”**, In *Database: The Journal of Biological Databases and Curation (Oxford)*, Vol 2017, bax021, 2017.
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**References**

- **Prof. Scott Sanner**, University of Toronto: ssanner@mie.utoronto.ca
- **Prof. Karin Verspoor**, RMIT University: karin.verspoor@rmit.edu.au