Luiz Gomes-Jr

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Assistant Professor at UTFPR, Brazil. PhD in Computer Science from UNICAMP, Brazil. Work experience in industry, government and academia. Focused on databases, complex networks, text mining and information retrieval research in the recent past. PhD thesis focuses on querying and management mechanisms for complex networks.

CURRENT POSITION

since Nov/15	Federal University of Technology - Paraná (UTFPR)
	Informatics Department (DAINF)
	Assistant Professor
	Member of ADA (Advanced Data Applications) group

EDUCATION

Ago/12 to Oct/15	UNICAMP - State University of Campinas, Brazil
	PhD in Computer Science
	FAPESP scholarship
	Cumulative GPA: 9.4/10
Mar/05 to Mar/07	UNICAMP - State University of Campinas, Brazil
	MSc in Computer Science

MAJOR ACADEMIC-RELATED ACTIVITIES

Dec/16 to Feb/17	PostDoc: LIFO - Laboratoire d'Informatique Fondamentale d'Orléans, France
	Topic: Graph Analysis with Declarative Queries
	Project: GIRAFON (Grands Graphes: interrogation, fouille et analyse)
Jul/16	31st Brazilian Symposium on Databases - Salvador, Brazil
	Program Committee (short papers)
Apr/16	XII Regional Databases School - Londrina, Brazil
	Program Committee/Tutorial on Network Analysis and BigData
Ago/12 to Oct/15	PhD Thesis Project: Specification and development of a Database Management System for Complex Networks. Main technologies: Groovy/Java, Neo4j, Gremlin, Cypher, SPARQL, Virtuoso.
May/14 to Apr/15	Sandwich PhD: LIP6 - Pierre and Marie Curie University, France
	International exchange as part of PhD in Computer Science
	FAPESP scholarship
Nov/12	II Escola Regional de Informática Norte 3 - Brazil
	Program Committee
Jan/05 to Mar/07	MSc Thesis Project: Proposing and designing a distributed system to support biologists sharing and querying biodiversity data. Main technologies: Java, SPARQL, XML, RDF, GML, GeoServer, deegree.
Oct/05	2nd Free Software Meeting at UFES - Vitória, Brazil
	Program Committee

| Aug/04 | 1st Free Software Meeting at UFES - Vitória, Brazil |
| | Proponent and head organizer of the meeting, collaborating with more than 20 volunteers, chairing the Program Committee, and communicating with the speakers. |

SELECTED PUBLICATION

Dec/16	Juan Rodriguez Vila, Nádia Kozievitch, Tatiana Gadda, Keiko Fonseca, Marcelo Rosa, Luiz Gomes-jr and Monika Akbar. Urban Mobility Challenges - An Exploratory Analysis of Public Transportation Data in Curitiba. Revista de Informática Aplicada 2016
Apr/16	Nádia Kozievitch, Luiz Gomes-Jr, Tatiana Gadda, Keiko Fonseca and Monika Akbar. Analyzing the Acoustic Urban Environment - A Geofencing-Centered Approach in the Curitiba Metropolitan Region. SMARTGREENS 2016
Mar/15	Luiz Gomes-Jr and Bernd Amann and André Santanchè. Beta-Algebra: Towards a Relational Algebra for Graph Analysis. Second International Workshop on Querying Graph Structured Data – GraphQ/EDBT 2015
Feb/15	Luiz Gomes-Jr and André Santanchè. The Web Within: leveraging Web standards and graph analysis to enable application-level integration of institutional data. Transactions on Large Scale Data and Knowledge Centered Systems, 2015
Sep/14	Luiz Gomes-Jr and André Santanchè. Querying and Managing Complex Data. ADBIS PhD Consortium, 2014
June/13	Luiz Gomes-Jr and Rodrigo Jensen and André Santanchè. Query-based inferences in the Complex Data Management System. Structured Learning: Inferring Graphs from Structured and Unstructured Inputs – SLG/ICML 2013
Mar/13	Luiz Gomes-Jr and Rodrigo Jensen and André Santanchè. Towards query model integration: topology-aware, IR-inspired metrics for declarative graph querying. Second International Workshop on Querying Graph Structured Data – GraphQ/EDBT 2013

TEACHING

since Feb/16	Databases, Discrete Mathematics, Computing 2 – UTFPR, Curitiba
	Instructor
	Course organization, lecture preparation, teaching, marking, tutorials
Ago/13 to Dec/13	Databases - UNICAMP, Campinas
	Instructor
	Course organization, lecture preparation, teaching, marking, tutorials

WORK EXPERIENCE

Jun/99 to Mar/12	Several companies and research institutions
(non-continuous)	Researcher, developer, network administrator
	Diverse areas and technologies, such as: Data mining, information retrieval, natural language processing, NoSQL, SQL, web development, network administration.