

Maíra Gatti de Bayser, PhD in Informatics, PUC-Rio

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Academic Background Details

- 2006 - 2009 Ph.D. in Informatics.
Department of Informatics, Catholic University of Rio de Janeiro (PUC-Rio), Brazil.
with collaborative period in University of Waterloo (*Advisor*: Carlos José Pereira de Lucena), Canada, and
King's College London (*Advisor*: Michael Luck), UK.
Year of degree: 2009.
Advisor: Carlos José Pereira de Lucena.
Grantee of: National Council of Scientific and Technological Development, CNPq, Brazil.
Keywords: Machine Learning and Software Engineering, Data Analytics.
Lattes: <http://lattes.cnpq.br/0084970537505496>
- 2005 - 2006 MSc. in Informatics.
Department of Informatics, Catholic University of Rio de Janeiro (PUC-Rio), Brazil.
Year of degree: 2006.
Advisor: Carlos José Pereira de Lucena. Co-Advisor: Jean-Pierre Briot (University of Sorbonne)
Keywords: Large-scale Distributed AI Systems
- 2000 - 2004 Bachelor in Informatics.
Department of Informatics, Statistics and Mathematics Institute, UERJ, Brazil.
Year of degree: 2004.

Languages

English: Fluent, Portuguese: Native, French: Basic, German: Advanced

Professional Experience Details

Sr. Research Staff Member at IBM Research Brazil, IBM Brasil

March 2011 – June 2022 (11 years 3 months)

IBM Research Brazil co-founder. Pioneer in Conversational Systems in Brazil. Technical Leader of the R&D of Elastic Search, IBM Cloud and IBM Watson-based solutions with tailored machine learning (ML) algorithms and data analytics. Multi-year experience with supporting sales team and with IBM Clients: Band, TV Globo. Industries: Media, Finance, Oil&Gas.

Research Project Leader and Coordinator at Software Engineering Lab, DI, PUC-Rio

January 2008 - December 2009 (2 years)

Large-scale Distributed AI Systems. Machine Learning, Data Analytics, Optimization. Industry: Aviation, Bioinformatics, Automation. Partnership: UFRJ.

Research Fellow at King's College London, UK

June 2009 - September 2009 (4 months)

AI R&D on Predictive Maintenance. Industry: Aviation.

AI Software Engineer at Tecgraf, PUC-Rio

August 2008 – February 2011 (2 years 7 months)

AI Software Engineer in Autonomic Computing. Client: Petrobras. Industry: Oil&Gas.

Research Fellow at University of Waterloo, Canada

January 2008 - March 2008 (3 months)

Research on a design method for AI.

Research Assistant and Teacher at DI, PUC-Rio

March 2005 - December 2007 (2 years 10 months)

Large-scale Distributed AI Systems. Industries: Media, Finance. Client: Globo.com

Web Software Engineering Consultant at HiCom Soluções Digitais, Rio de Janeiro, Brazil

June 2004 - January 2005 (8 months)

Clients: TV Globo, SBCE (Brazilian Insurance of Export Credit). Industry: Media, Insurance.

Web Software Engineer at Internet Ventures, Rio de Janeiro, Brazil

September 2001 – June 2004 (almost 3 years) Microsoft Full-stack: analysis, design, development, deployment and support of object-oriented high-availability transactional websites. Including data base development, optimization and management. Industry: Media.