

Gustavo Cipriano Mota Sousa

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EDUCATION

- 2012 **M.Sc. in Computer Science**
Federal University of Goias
Title: DSML execution engines: a model-driven approach
Advisor: Fabio Costa
- 2007 **B.Sc. in Computer Science**
Federal University of Goias
- 2004 **Telecommunications Technician**
Federal Institute of Goias

RESEARCH INTERESTS

Software Engineering
Model-Driven Engineering
Models@run.time
Adaptive and Self-Managing Systems

RESEARCH ACTIVITIES

- 2010 - 2012 Master in Computer Science
- Literature review of model-driven approaches to software engineering and their application to distributed systems.
- Research visit to the CVM research group at Florida International University led by Prof . Clarke
- Dissertation on the use of a model-driven approach to the development of DSML execution engines
Advisor: Fabio Costa
Scholarship from CAPES - Coordination for the Improvement of Higher Education Personnel
- 2006 - 2007 Research and Development Project
Research on methods for visualization of results from the contingency analysis process in electrical power transmission networks.
Advisors: Fabio Costa and Antonio Cesar Baleeiro Alves
Grant from CELG - Energy Company of Goias
- 2005 - 2005 Program for Scientific and Technological Initiation in small business
Research on the effects of unreliable network communications in the development of rich Web applications for small business.
Advisors: Fabio Nogueira de Lucena and Jose Morched Carneiro
Grant from CNPq - National Council for Scientific and Technological Development
Awarded 2nd place in the BITEC prize for Technological Initiation in small business

PUBLICATIONS

Gustavo C. M. Sousa, Fábio M. Costa, Peter J. Clarke, and Andrew A. Allen. 2012. Model-driven development of DSML execution engines. In Proceedings of the 7th Workshop on Models@run.time (MRT '12). ACM, New York, NY, USA, 10-15.

PROFESSIONAL EXPERIENCE

2011 – 2014 Systems Analyst, Department of Health of Goiás
2008 – 2010 Information Systems Teacher, Center for Professional Education Sebastiao Siqueira
2008 – 2009 Software Developer, Fibonacci Agile Solutions
2007 – 2008 Systems Administrator, Secretary of Management and Administration of Goiás

LANGUAGES

- Native Portuguese
- Fluent English
- French level B2
- Spanish level B1