Vinícius Dias

Personal Data

Full Name:	Vinícius Vitor dos Santos Dias
Place of Birth:	Uberaba, Brazil
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Education

Jan 2014 — Current	M.Sc. Computer Science, Universidade Federal de Minas Gerais Cumulative GPA 3.82 / 4.0 Areas of Interest: Distributed/Parallel Systems, Networking and Data Management
Jul 2009 — Jul 2013	B.Sc. Computer Science, Universidade Federal de Uberlândia Cumulative GPA: 3.83 / 4.0 Best Student Award

Honors and Awards

2013	Universidade Federal de Uberlândia Highest GPA among Undergraduate Students

Research Experience

Jun 2016 – Aug 2016	Visiting Research Fellow at Brown University Theme: Scheduling Strategies for Data-Parallel Distributed Systems Advisor: Rodrigo Fonseca
Jan 2014 – Current	Graduate Student at Universidade Federal de Minas Gerais, Brazil Theme: Performance Diagnosis and Dynamic Reconfiguration in Massive Data Processing Advisor: Dorgival Guedes

Publications:

DIAS, V. S.; MOREIRA, R. E. A. ; MEIRA Jr., W. ; GUEDES, D. . Diagnosing Performance Bottlenecks in Massive Data Parallel Programs. In: 16th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid), 016, Cartagena, Colombia. Proceedings of CCGrid 2016. Nova Iorque: IEEE, 2016. p. 1-4.

DIAS, V. S. ; MEIRA Jr., W. ; GUEDES, D. . Dynamic Reconfiguration of Data Parallel Programs. In: 28th International Symposium on Computer Architecture and High Performance Computing, 2016, Marina Del Rey, EUA. Proceedings of the 28th International Symposium on Computer Architecture and High Performance Computing. Los Alamitos, EUA: IEEE, 2016. p. 190-197.

CASAS, P. H. B. L. ; **DIAS, V. S.**; MEIRA Jr., W. ; GUEDES, D. . A Big Data Architecture for Security Data and its Application to Phishing Characterization. In: 2nd IEEE International Conference on Big Data Security on Cloud (BigDataSecurity 2016), 2016, Nova Iorque, EUA. Proceedings of BigDataSecurity 2016. Nova Iorque: IEEE, 2016. p. 1-6.

ROCHA, R., HOTT, B., **DIAS, V.**, FERREIRA, R., MEIRA, W., and GUEDES, D. . Watershedng: an Extensible Distributed Stream Processing Framework. Concurrency and Computatation: Practice and Experience, 28: 2487–2502, 2016

LAS-CASAS, PEDRO ; **DIAS, V. S.** ; FERREIRA, R. A. C. ; MEIRA Jr., W. ; GUEDES, D. . A Hadoop Extension to process Mail Folders and its Application to a spam Dataset. In: WPBA 2014 - International Workshop on Parallel and Distributed Computing for BigData Applications, 2014, Paris, France. Proceedings of the International Workshop on Parallel and DIstributed Computing for BigData Applications, 2014. p. 1-6.

JAN 2010 – JUL 2013 | Undergraduate student at UNIVERSIDADE FEDERAL DE UBERLÂNDIA, Brazil
THEME: Query Languages and Context-aware Preferences in Database Management
ADVISOR: Sandra de Amo

Publications:

DIAS, V. V. S. ; AMO, S. A. . CPrefSQL-Tool: Uma Ferramenta Web para Consultas com Suporte a Contextos e Preferências do Usuário. In: Demos Session - XXVII Brazilian Symposium on Databases, 2012, São Paulo.

AMO, S. A. ; FERNEDA, T. M. ; CATTELAN, R. G. ; **DIAS, V. V. S.**; FERREIRA, H. N. M. . Contextual Preference Repositories for Personalized Query Answering. In: XXVII Brazilian Symposium on Databases, 2012, São Paulo.

TEACHING EXPERIENCE

MAR 2015 – JUL 2015 | Senior Teaching Assistant at UNIVERSIDADE FEDERAL DE MINAS GERAIS, Brazil
COURSE: Computer Networks
RELATED TASKS: Assigning programming problems, one-on-one tutoring and grading

Junior Teaching Assistant at UNIVERSIDADE FEDERAL DE MINAS GERAIS, Brazil
COURSE: Design and Analysis of Algorithms
RELATED TASKS: One-on-one tutoring and grading

COMPUTER SKILLS

Programming Languages: SCALA, C, JAVA, PYTHON, R
Experienced in: Cluster Computing, Resource Management and Data Management

LANGUAGES

ENGLISH: Working Knowledge
PORTUGUESE: Native
FRENCH: Basic Knowledge