Rafael J. BARROS

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Education

Master of Science, California State University, East Bay, United States of America, 2011

Master in Systems & Computing Eng., Universidad de los Andes, Colombia, 1998

Bachelor in Systems & Computing Eng., Universidad de los Andes, Colombia, 1990

Academic Appointments

Senior Lecturer of Information Systems, School of Computing and Information Systems, SMU, Aug 2017 - Present

Academic Administrative Positions

Coordinator, BSc (IS) Digitalisation & Cloud Solutions Track, School of Computing and Information Systems, SMU, Jul 2018 - Present

RESEARCH

Publications

Books (Refereed)

GRACE: Introducción a la Ingeniería by BARROS, Rafael J.; DUQUE, Gerardo; ROJAS, John A.;SÁNCHEZ, Luz Marina; VELOSA, José Divitt. (2005). Bogotá: Escuela de Administración de Negocios. (Published)

Conference Proceedings

Gamified online industry learning platform for teaching of foundational computing skills, by LAU, Yi Meng; BARROS, Rafael J.; GOTTIPATI, Swapna; SHIM, Kyong Jin. (2022.0). *2022 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE): Hong Kong, China, December 4-7: Proceedings,* (pp. 112-119) Piscataway, NJ: IEEE. https://doi.org/10.1109/TALE54877.2022.00026 (Published)

Mining informal and short weekly student self-reflections for improving student learning experience, by GOTTIPATI, Swapna; BARROS, Rafael; SHIM, Kyong Jin. (2021.0). *Proceedings of the 27th Americas Conference on Information Systems (AMCIS) 2021, Virtual Conference, August 9-13,* (pp. 1-10) Virtual Conference: AIS. (Published)

Research Grants

<u>Other Institutions</u>

Personalized projects and labs for Enterprise Solutions Management using AI Builder, TEL Exploratory research grant, SMU Centre for Teaching excellence PI (Project Level): Kiruthika RAMANATHAN, Co-PI (Project Level): Rafael J. BARROS, 2023, SGD6,000

TEACHING

Teaching Areas

Education & Practice
•Technology Enhanced Learning
•Analytics and Decision Support Practice
•IT Practice – Methodologies, Architectures & Frameworks

Area of Excellence:
Analytics for Business, Consumer & Social Insights
Innovation & Entrepreneurship
Business Process Management

Courses Taught

<u>Singapore Management University</u>

Undergraduate Programmes :

Business Process Analysis & Solutioning

Enterprise Solution Management

Enterprise Web Solutions

IS Application Project

Managing Customer Relations with Analytics: Asian Insights

Postgraduate Professional Programmes :

Customer Analytics and Applications

Non-Graduating Programmes :

Managing Customer Relations with Analytics: Asian Insights

UNIVERSITY SERVICE

Singapore Management University

Secretary, member of the Executive Committee ("EXCO"), Faculty Senate, Apr 2022 - Mar 2023