

RAFAEL GUIMARÃES

- EDUCATION**
- UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN - UIUC**
PhD Community Health
Status: Expected to graduate in August 2027
- BAHIANA SCHOOL OF MEDICINE AND PUBLIC HEALTH - EBMS**
Master of Health Technologies
Status: Completed in October 2022
GPA: 9.48/10.00
- INSTITUTO DE PESQUISA ENSINO E GESTÃO EM SAÚDE - IPGS**
Sports nutrition: emphasis on food and supplementation
Status: Completed in June 2021
GPA: 8.99/10.00
- FUNDAÇÃO GETULIO VARGAS – FGV**
MBA in Project management
Status: Completed in Feb 2014
GPA: 8.68/10.00
- UNIVERSIDADE SALVADOR – UNIFACS**
Bachelor of Statistics
Status: Expected to graduate in July 2024
- UNIVERSIDADE SALVADOR – UNIFACS**
Bachelor of Nutrition
Status: Completed in December 2020
GPA: 9.30/10.00
- UNIVERSIDADE SALVADOR – UNIFACS**
Bachelor of Control and Automation Engineering
Status: Completed in 2012.1

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- WORK EXPERIENCE**
- FUNDAÇÃO DE AMPARO À PESQUISA DO ESTADO DA BAHIA, SALVADOR-BA**
Scholarship – Master of Health Technologies
March 2021 – March 2022
- Scientific research
 - Data analysis
 - App for micronutrient recommendation based on energy expenditure
- FUNDAÇÃO DE AMPARO À PESQUISA DO ESTADO DA BAHIA, SALVADOR-BA**
Scholarship – Scientific Initiation
September 2019 – September 2020
- Scientific research
 - Data analysis
 - Statistical study for nutrient recommendation
- FORD MOTOR COMPANY BRASIL LTDA, CAMAÇARI-BA**
MP&L/Material Flow Engineer

October 2017 – July 2018

- Development and implementation of new programs, business case and process improvements related to internal logistics. Covering internal and external flow, resource sizing (labor / equipment) and technological innovations
- Calculation of resources needed to move and store productive materials (manpower, equipment, physical space, etc ...) for new programs
- Development of logistic simulations (FactoryFlow, Witness, etc.)
- Mapping and improvement processes
- Identification of opportunities to reduce costs and implement the necessary actions

FORD MOTOR COMPANY BRASIL LTDA, CAMAÇARI-BA

Sustainability, Environment & Safety Engineering/Homologation

March 2014 – October 2017

- Analysis, support and monitoring of the approval process for new vehicles and their components for North America
- Approval based on European regulations EC / ECE's
- Change Management Control. Approval analysis to changes in automotive parts and processes

PAC GROUP BRASIL, CAMAÇARI-BA

Sustainability, Environment & Safety Jr. Engineering/Homologation

December 2012 – March 2014

- Working for FORD MOTOR COMPANY
- Analysis, support and monitoring of the approval process for new vehicles and their components for Asia Pacific
- Approval based on European regulations EC / ECE's
- Change Management Control. Approval analysis to changes in automotive parts and processes

LSC GUINDASTES, SALVADOR-BA

Partner

January 2012 – December 2012

- Development of equipment for civil construction
- Financial management
- Project management

COURSES

MEDSIZE, SALVADOR-BA

ISAK Lv. 1

FORD MOTOR COMPANY BRASIL LTDA, CAMAÇARI-BA

Six Sigma Black Belt Training - Completed in October 2017

Six Sigma Green Belt Training - Completed in November 2014

REAL & DADOS, SALVADOR-BA

Excel Advanced - Completed in 2008

Excel 2003 Basic - Completed in 2008

PUBLICATIONS

“WOULD METABOLIC RATE BE A VIABLE REFERENCE ALTERNATIVE TO A PERSONALIZED MINERAL SUPPLEMENTATION?”

Guimarães, Rafael; Salles, Cristina.
Obesity Surgery [Online]. 2021 Sep 25;
DOI: 10.1007/s11695-021-05714-1

“ESTUDO ESTATÍSTICO PARA RECOMENDAÇÃO DE NUTRIENTES”

SILVA, Rafael Guimarães de Lima e; Gustavo Nunes de Oliveira Costa
Expanded abstract published in Annals of congresses (JUIC), Salvador, 2019
(Statistical study for nutrient recommendation)

“APERFEIÇOAMENTO EM GRUA E PROCESSO DE CONTROLE DE CONTRAPESO EM UMA GRUA, EM TEMPO REAL”

SILVA, Rafael Guimarães de Lima e ; Cal, Vinicius de Carvalho .
Revista Politécnica, Salvador vol. 3, n. 5-E, jan/mar. 2010, p. 16-21
(Crane and Counterweight control process of a crane)

TECHNOLOGICAL
PRODUCTS

“APERFEIÇOAMENTO EM GRUA E PROCESSO DE CONTROLE DE CONTRAPESO EM UMA GRUA, EM TEMPO REAL”

Deposit Number: 018100004655

“CRANE AND COUNTERWEIGHT CONTROL PROCESS OF A CRANE”

USA Deposit number: 13/025,672
Europe Application number: EP11154197

AWARDS

DESAFIO BRASIL 2011 REGIONAL PHASE

Centro de Estudos em Private Equity e Venture Capital da FGV – EASP
Business Plan competition.
Regional level competition.

2011 GLOBAL JAMES MCGUIRE BUSINESS PLAN COMPETITION

Laureate International Universities
Business Plan competition.
World Level competition with more than 200 projects.

PRÊMIO DE EMPREENDEDORISMO JAMES MCGUIRE-ETAPA UNIFACS

Universidade Salvador 2011
Business Plan competition.
University level competition.

IDÉIAS INOVADORAS

Fundação de Amparo à Pesquisa do Estado da Bahia 2010

Innovative ideas competition.

Regional level competition.