Henrique Aparecido Laureano,

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Brazilian from Curitiba, 28 y/o, Statistician,
Data Scientist with a Masters in Statistics and
Numerical Methods in Engineering from UFPR

Training and Experiences

2019-2021 Masters, Statistics and Numerical Methods in Engineering,
Universidade Federal do Paraná (UFPR)

- Numerical Methods in Engineering Graduate Program, Statistical Methods research line, working with the statistical modeling of complex systems (such as epidemiological, environmental, and financial phenomena).
  [Thesis, Defense Slides]

2017-2019 Interrupted Masters in Applied Mathematics and Statistics,
King Abdullah University of Science and Technology (KAUST)

- A year and a half in Saudi Arabia as a Graduate Student in the Applied Mathematics and Computational Sciences (AMCS) and Statistics Programs. Throughout this period, I daily communicated in English and was a member of the Bayesian Computational Statistics and Modeling research group.

  Prior to KAUST acceptance, I spent one semester as a Master's Student in Statistics at the Universidade Estadual de Campinas (UNICAMP).

2011-2016 Bachelor in Statistics,
Universidade Federal do Paraná (UFPR)

- Bachelor in Statistics with two years of Scientific Initiation Federal Program. Extensive experience in statistical modeling (frequentist and Bayesian) and mastery of programming languages such as R, Python, and C++. Dozens of consultancies were provided during the bachelor's degree, with some resulting in international scientific publication.

Professional experience

2021- Statistician,
Instituto de Pesquisa Pelé Pequeno Príncipe

- The Pelé Pequeno Príncipe Research Institute, together with the Pequeno Príncipe Hospital - the largest exclusively pediatric hospital in Brazil, and the Pequeno Príncipe University, make up the Pequeno Príncipe Complex.

  I work with data visualization, sample/plan design, and statistical and predictive modeling/analysis of complex, infectious, and oncogenetic diseases; epidemiological and clinical studies; molecular medicine and bioinformatics.

2016-2016 Statistician,
Centro de Telessaúde - Hospital das Clínicas - UFMG

- Working mainly in the research group on echocardiography in tropical diseases, in the development of predictive and statistical models with an emphasis on the discovery, quantification, and prediction of risk factors in Chagas disease and rheumatic diseases. In addition to the development of models, I participated in the elaboration of studies, experiments, and in the analysis and visualization of data.

  I left the Telehealth Center to start a Masters in Statistics at UNICAMP.

2014- Outside consultant

- Statistical consultancy provided to Masters, Doctoral, Post-Doctoral, and Researchers from the most diverse areas, such as:

* Agronomy	* Nursing	* Pharmacy	* Chemistry
* Biology	* Electrical Eng.	* Pedagogy	* Medicine
* Economy	* Chemical Eng.	* Psychology	* Zootechnics

2011-2014 Administrative assistant,
Paralelo Engenharia

- Elaboração de orçamentos, relatórios de faturamento e de planilhas de custos. Controle e pagamento de faturas, materiais, emissão de notas fiscais e conferência de impostos.

2010-2011 Intern,
Procuradoria Geral do Estado do Paraná (PGE)

- Estagiário da Coordenadoria do Interior (COI), responsável pelo fechamento e abertura de malotes com documentos e materiais indo e vindo das regionais da PGE, entrega de tais documentos nos demais setores da PGE e entrega e retirada de documentos nos demais órgãos públicos da cidade de Curitiba.

Habilidades

- Inglês: Avançado/fluente, um ano e meio vivendo e trabalhando na Arábia Saudita

- Linguagens de programação

  - R (Shiny, tidyverse, data.table, ggplot2, etc): Conhecimento avançado
  - Python, C++, Matlab: Conhecimento básico
  - Sistema de controle de versão distribuído Git, LibreOffice, Office, Google Workspace, ambiente Linux: Conhecimento intermediário

- Conhecimento avançado em modelagem Matemática, Estatística e Otimização