Renan Sallai Iwayama

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Education

M.S., Business Analytics, Rady School of Management – UC San Diego   08/2019
   • Relevant Courses: Customer & Supply Chain Analytics, Managerial Judgment & Decision Making, Big Data Tech

M.S., Engineering in Logistics Systems, Polytechnic School - University of São Paulo, SP/Brazil   06/2018

B.S., Civil Engineering, Polytechnic School - University of São Paulo, SP/Brazil   06/2014
   • Relevant Courses: Logistics, Economy and Planning of Transport Systems, Randomness and Uncertainty Modeling

General Business Certificate, BTC Company, São Paulo, Brazil   06/2013
   • Learned to strategically analyze the results of a company and do valuation calculation.

Experience

Business Development & Analytics, Bevea, San Diego, United States   10/2018 - present
   • 1st place and audience choice winner in the Triton Innovation Challenge Pitch competition.
   • Finalist in the Ignite Pitch competition, showcase and rap battle.
   • Conducted marketing research to understand consumers preferences between two different beverages.

Research Assistant, Department of Sociology – UC San Diego, La Jolla, United States   10/2018 - present
   • Create and analyze a database of articles from 45K UK Social Scientist using semi-structured data files.
   • Develop logistic regression to predict the likelihood of institution movements across 8 periods.
   • Conducted network analysis to understand the closeness centrality and communities of each institution.

Consultant, Self-employed, São Paulo, Brazil   10/2016 - 09/2018
   • Met with clients on a weekly basis, gave presentations and adjusted focus based on client's needs.
   • Automated the analysis of the orders from SANOFI 10 biggest clients; Reported directly to their Customer Logistics Manager; reduced activity process time by 80%.
   • Coordinated a team of three to consolidate products sales and stocks from several representatives of TAKEDA.
   • Conducted route optimization; wrote report for a ROUTEASY client, reducing transportation costs by 24%.

Senior Strategy Analyst, Grupo Pão de Açúcar, São Paulo, Brazil   11/2014 - 10/2016
   • Analyzed cost of logistics network and reported to the Logistic Director; led to 1 MM (U.S.) in annual savings.
   • Teamed-up with Accenture to calculate the Cost-to-Serve of 2,200 suppliers; Created reports to support commercial team negotiations.
   • Created an optimization tool named "Zero idleness" to balance 3 shifts of a depot with 300 employees; Reported directly to the Ops General Manager.

Consultant, CISLOG, São Paulo, Brazil   12/2012 - 10/2014
   • Conducted freight bidding project for Reckitt Benckiser with +100 carriers; Reported directly to their Logistic Director; led to 3MM (U.S.) in annual savings.
   • Using simulation, I recommended to AMBEV RJ executives the best configuration among 8 depot layouts.

Projects

Algorithm for VRP in Urban Centers, M.S. Thesis, Polytechnic School – University of São Paulo, SP/Brazil   06/2018
   • Solved clustered and randomized instances with up to 600 orders in average 2 minutes with heuristics

Simulation of a Transport Hub in the City, B.S. Capstone, Polytechnic School – University of São Paulo, SP/Brazil 12/2013
   • Simulated a transport hub operation with 10k sq. ft to supply up to 60 neighborhood markets

Publication

Co-Author: A variable neighborhood search algorithm for the bin packing problem with compatible categories. (https://doi.org/10.1016/j.eswa.2019.01.052)

Organizations: Rady Operations & Supply Chain Club (Board member); Polytechnic School Junior Enterprise (Project Director); Soka Gakkai International (member).

Specialized Skills
   • **Languages/Coding:** Python, R, C++, VBA, SQL and HTML.
   • **Tools:** CPLEX, Gurobi, Simul8, TABLEAU, Transcad/Maptitude, CARTO and MS Office.