**Gabriel Pivaro**

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**Summary**

Data analyst with a Bachelors's in Math and Ph.D. in Electrical Engineering. Certified in data analytics and visualization from Rice University with advanced skills in Python, MATLAB, SQL database implementation, web application. Proven records of applying statistical analysis and predictive modeling to generate simulations to support academic research and business analysis. Excellent written, oral communication, and presentation skills. Enthusiastic to solve complex problems that requires mathematical modeling and hardware integration.

**Technical Skills**

Frontend: HTML, CSS, Bootstrap, JavaScript, AJAX, Chart.js

Backend: MySQL, Postgres, MongoDB, Python, Linux shell script

Statistical Analysis: Python, Excel, MATLAB, Mathematica, Statistica

Research: Authored over 15 research papers with statistical analyzes and Monte Carlo simulation

Teaching: Created student material and instructed Statistics undergraduate course and Telecom courses

Hardware: RaspberryPi automation hobbyist, Linux servers (Debian, Ubuntu), Software Defined Radio (SDR)

**Experience**

Woodforest National Bank, Houston, Tx

Technology Support Specialist 08/2020 – present

National Institute of Telecommunications, Brazil

Wireless Communication Researcher 06/2016 – 05/2018

Rice University, Houston, Tx

Visiting Scholar at Electrical and Computational Engineering 03/2015 – 03/2016

**Education**

Rice University, Houston, Tx

Certificate, Data Analytics & Visualization 01/2021

State University of Campinas, Brazil

Ph.D. in Electrical Engineering 08/2016

Sao Paulo State University, Brazil

Bachelor’s degree in Mathematics (Teacher’s Certification) 01/2005