

GABRIEL BOGO

📍 Vancouver, BC – Canada

☎ +1 778 251 3449

✉ gabrielmedeirosbogo@gmail.com

🏠 www.gabrielbogo.com

🌐 linkedin.com/in/gabrielbogo

🐙 github.com/GabrielBogo

ACADEMIC HISTORY

- **Master of Data Science**
UBC, Vancouver, CANADA
Expected completion: June/2019
- **B.S. Mechanical Engineering**
UFSC, Florianopolis, BRAZIL
Final grade: 8.7/10.0 (91th percentile)
- **International Exchange Program**
UCLA, Los Angeles, USA
- **GRE Score**
Verbal: 167 (98th percentile)
Quant: 167 (92th percentile)

RELEVANT COURSEWORK

- **Supervised Learning**
Logistic Regression, SVM, Random Forest, Naïve Bayes, k-NN, Deep Learning, CNN
- **Unsupervised Learning**
PCA, K-means/medians/medoids, DBSCAN, content-based and collaborative filtering
- **Algorithms and Numerical Methods**
Discrete Optimization, Linear and Dynamic Programming, Numeric and Automatic Differentiation, Gradient Descent
- **Natural Language Processing**
Text preprocessing, co-occurrence matrix, dense word embeddings (word2vec, fastText)
- **Linear Regression**
Ridge, Lasso, Elastic Nets, change of basis, GLMs, quantile and robust regression, survival analysis, handling missing data
- **Time Series Analysis**
De-seasoning and de-trending, exponential smoothing, Holt-Winters, ARIMA models
- **Statistical Inference and Computation**
Hypothesis testing, bootstrapping, Bayesian MCMC, experimental design, A/B testing

PROGRAMMING SKILLS

- **Python:** Numpy, Pandas, Sklearn, Matplotlib, SQLAlchemy, Keras, scrapy
- **R:** tidyverse, ggplot2, shiny, RJAGS
- **SQL:** database design, PostgreSQL
- **Workflows:** bash, Git, Make, Docker, Travis
- **AWS:** EC2, S3, IAM, RDS, SES, SQS, Elastic Beanstalk, Route53, Terraform

LANGUAGES

Portuguese (native), **English** (fluent),
Spanish (proficient)

PROFESSIONAL EXPERIENCE (4 yrs 2 mos)

Data Scientist, Municipality of Joinville

Secretariat of Urban Planning

2017 to 2018 (1 yr) – Joinville, BRAZIL

- Set up AWS cloud infrastructure and developed an ETL procedure to analyze Waze CCP's traffic data: <https://git.io/vxORe>
- Developed and automated a prioritization methodology for the city's most critical streets: <https://git.io/fxt98>
- Scraped, stored and cleaned data from the city's entire network of traffic radars: <https://git.io/vxOzS>
- Lectured at the LatAm Waze Connected Citizens Summit: <https://bit.ly/2KY8lkv>

Founder and Backend Engineer, Quem vai?

2016 to 2017 (1 yr 4 mos) – Joinville, BRAZIL

An online marketplace of group experiences powered by an effective platform for social payments – <https://git.io/vx32G>

- Raised US\$ 30k and administered the startup's finances
- Led Customer Development activities – customer interviews, lean experimentation cycles, BM Canvas, financial modeling
- Developed the web app backend using Python and Django and managed DevOps using AWS

Data Analyst, ADVISIA OC&C

2014 to 2016 (1 yr 10 mos) – Sao Paulo, BRAZIL

- Created the financial model of a long-term strategy project for the country's largest national Telecom carrier (**Ecuador**)
- Carried out crucial data analyses of a pricing optimization project for a Benefits & Rewards multinational (**Brazil, Chile**)
- Created the financial model of a market entry project for a Home Fragrances multinational player (**Brazil, USA**)

Intern, Jacobs Engineering Group Inc.

2013 to 2014 (5 mos, pre-grad) – Leiden, NETHERLANDS

- Reviewed equipment datasheets, requisition texts and inspection plans for equipment in the Oil & Gas industry.

Intern, NEO Junior Engineering Firm

2009 to 2013 (3 yrs, pre-grad) – Florianopolis, BRAZIL

A student-run engineering firm that delivers customized technical and scientific projects to large industrial businesses

- Designed an electro-mechanical device to identify wrong connections in an assembly line of induction motors
- Designed a faster way of cooling rotors after an aluminum casting process, reducing work in process
- Led a team of 12 students and a pipeline of more than 8 simultaneous projects
- Juggled this part-time internship with demanding academic coursework for four years with great performance at both