Gabriel Lopes Monteiro

GitHub Profile: https://github.com/gabriellm1
Personal Portfolio: https://gabriellm1.github.io/portfolio

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Education

- **Insper** — São Paulo, SP
  BACHELOR OF SCIENCE IN COMPUTER ENGINEERING; — *Jan. 2017 – Dec. 2021*
  - Data Science Minor
  - CR: 8.54/10 (GPA in Relation to Cohort)
  - Finished academic responsibilities, full time availability to work

Academic Projects

- Engineering Final Project at IBM
  - Developed a MLOps Guide website using IBM Watson, DVC, CML, Python and GitHub Actions. Available at: https://mlops-guide.github.io
  - Website content: Introduction to MLOps concepts and hands on tutorial for building MLOps environment.
  - Close interaction with technical leader during the project development.
- Undergraduate Research in Machine Learning
  - Developed a machine learning model utilizing LSTM networks to predict type 1 diabetes patient's blood glucose 30 minutes ahead.
  - Link to Github repository here

Experience

- **Kinea Investimenos** — São Paulo, SP
  BI Intern — *Jul 2021 - Present*
  - Building ETL processes using Prefect Dataflow, Python and SQL.
  - Using PowerBI to build dashboards and perform data analysis.

  Kinea Challenge — *Feb 2021 - Apr 2021*
  - Challenge was to develop a contract reader software that could extract key data from the company's lease agreements and upload to Salesforce.
  - The software extracts the data using two Python libraries, re for regular expressions and Spacy for entity recognition. The user interface was developed in React.js with a local server in Flask.

- **Parque Tecnológico de São José dos Campos** — Remote
  Summer Engineering Internship — *Jun 2020 - Aug 2020*
  - Collaborative work with 2 other Brazilian students and 4 foreign students from US universities.
  - Developed an Innovative Research focused on Urban Mobility. The final presentation included an MVP that demonstrated a payment system for public and private mobility options using ERC20 Tokens at the Ethereum blockchain network

Certificates

- **TOEFL 100/120**: December 2019
- **Hacktoberfest 2019 and 2020**: Made four pull requests each year in open source projects such as pandas
- **IBM - Qiskit Summer School 2020**: Introduction to Quantum Computing using IBM Qiskit open-source library
- **Hackathon Insper - Hospital Albert Einstein 2017**: Discuss challenges of a high complexity hospital

Programming Skills

- **Languages**: Python, SQL, C, C++ **Technologies**: AWS(boto3), React, Node, Linux