



Frederico José Ribeiro Pelogia

Computer Engineering
Student

Contact Information

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fpelogia.github.io

Address:

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Kubitschek, 5490. Ap. 98
São José dos Campos - SP

Languages

Portuguese - Native

English

● ● ● ● Comprehension
● ● ● ● Writing
● ● ● ● Speaking

Further Education

- Neural Networks and Deep Learning (DeepLearning.AI - Coursera)
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (DeepLearning.AI - Coursera)
- Data Science Math Skills (Duke University - Coursera)
- Managing Machine Learning Projects with Google Cloud (Google Cloud - Coursera)

Skills

Programming Languages:

- C / C++
- Python
- MATLAB
- Java
- Javascript + node
- HTML + CSS + PHP

Objectives

To apply knowledge and skills in practice, as well as gain experience and improve my skill set.

Experience



Embraer - IT Internship - Support & Services 2021 - Now

- Data analytics - Executive Aviation
- Support internal applications (node / angular / python)
- Database Maintenance (postgresql)
- Power BI and Power Automate



Undergraduate Research (PIBITI) 2021 - Now

- Trend analysis of COVID19 in the state of São Paulo
- Mathematical and computational modelling
- Study of dynamic systems



Sala Planejada tool 2020 - Now

- Tool for planning classrooms considering social distancing between students
- Online tool: salaplanejada.unifesp.br
- Collaboration with researchers in the fields of applied mathematics and operations research



SABER-SUS Website Development 2020 - Now

- Development of a website for recommendations from clinical practice guidelines (Chronide group)
- Agile Software Development
- Virtual Private Server (VPS) Maintenance



Undergraduate Research (FAPESP) 2019 - 2020

- Optimization Methods
- Neural Networks
- Fraud Detection
- Presentation at an academic conference

Education



Federal University of São Paulo (UNIFESP)

2022 - Now

M.Sc. in Biomedical Engineering

2018 - Now

Computer Engineering

2018 - 2021

Interdisciplinary Bachelor in Science and Technology

Capabilities:

- Design and analysis of algorithms
- Database design and implementation (mysql, postgresSQL)
- Power BI and Power Automate
- Use and maintenance of Linux based systems.
- Production of reports and documents with LaTeX
- Microsoft Office