

# BRUNO BOLLOS CORREA

Electrical Engineer | Telecommunications | Software

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📍 São Paulo-SP, Brazil

in bollos00

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## EXPERIENCE

Software Developer

**FEI Robotics Team (RoboFEI)**

📅 April/2019 – November/2022

- Skills: Software development, C++, Qt, Git, robotics, teamwork.
- Open source repositories on GitHub.
- Participation in 5 competitions, 3 national (Brazil) and 2 international.

## PROJECTS

Scientific Research

**The University Center of FEI and RoboFEI**

📅 August/2021 – July/2022

- Analysis of supervised learning techniques applied in the evaluation of success of actions in robot football.
- Oriented by Prof. Dr. Flavio Tonidandel.
- Skills: Research, C++, Qt, Python, Machine Learning, scikit-learn.

End-of-graduation Work

**The University Center of FEI and Companhia do Metropolitano de São Paulo**

📅 February/2022 – December/2022

- Route planner with indoor navigation in the Metro of São Paulo.
- Oriented by Prof. Dr. Marco Antonio Assis de Melo and Eng. Felipe Copche.
- Skills: Research, Python, FastAPI, PostgreSQL, Neo4j, Docker, Java, Android, Bluetooth, embedded (ESP32).

## PUBLICATIONS

📄 Academic papers

- F. T. Bruno Bollos Correa, "Análise de técnicas de aprendizado supervisionado aplicadas na avaliação de sucesso de ações no futebol de robôs," *Simpósio de Iniciação Científica, Didática e de Ações Sociais da FEI*, vol. XII, no. 17, 2022.

## SKILLS

- Software
- Robotics
- Machine Learning
- Embedded Systems
- Research

Knowledge and experience in software technologies:

C++, Qt, Git 4 years

Python 3 years

Docker, scikit-learn 1 year

FastAPI, Neo4j, Java, Android 6 months

## LANGUAGES

Portuguese



English



Spanish



## EDUCATION

Degree in Electrical Engineering with emphasis in Telecommunications

**The University Center of FEI**

📅 2018–2022

## REFERENCES

**Prof. Dr. Marco Antonio Assis de Melo**

@ The University Center of FEI

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**Prof. Dr. Flavio Tonidandel**

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