

# Pedro Pereira

Junior System Administrator

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GITHUB | LINKEDIN

## EDUCATION

UNIVERSIDADE DO MINHO  
MASTERS SOFTWARE ENGINEERING

2021 - Current

UNIVERSIDADE DO MINHO  
BACHELORS SOFTWARE ENGINEERING

2019 - 2021

## EXPERIENCE

EUROTUX | JUNIOR SYSTEM ADMINISTRATOR

2022 – Current

- Worked on the selection, implementation and integration of SIEM tool for better file integrity monitoring.
- Addressed security concerns for multiple clients by investigating the root cause and evaluating its merit.
- Worked on the Security team, investigating possible malicious events.
- Evaluated the security of infrastructures through vulnerability scans.

ACCENTURE | INTERSHIP

Jun 2022 – Jul 2022

- Created a monitoring tool for Microsoft Teams
- Implemented automated participation tracking and meeting summaries

## SKILLS

PROGRAMMING LANGUAGES  
LIBRARIES/FRAEMWORKS  
TOOLS / PLATFORMS  
DATABASES

C | Java | Python | Elixir | JavaScript | bash  
Express | NumPy | Scikit-learn  
Linux | Windows | Ansible | Docker | Kubernetes | Google Cloud Computing  
MySQL | MongoDB

## PROJECTS / OPEN-SOURCE

SAFIRA | [LINK](#)

Elixir

- Worked on the implementation of a web server for the Semana de Engenharia Informatica event hosted by CeSIUM
- Used Elixir in the context of the PETAL stack for backed development.

NUMERAI TOURNAMENT PARTICIPATION | [LINK](#)

Python | Scikit-learn | XGBoost | LightGBM

- Participated in the numer.ai machine learning tournament.
- Used different machine learning models to create a diverse portfolio.

HIGH AVAILABILITY DATA SERVER | [LINK](#)

Erlang | Java | ZeroMQ

- Implemented a High availability data Key-Value store server.
- Used State-Based CRDT's to ensure efficient and fast data propagation.

SOURCE CODE ANALYSER | [LINK](#)

Python | Lex | Yacc

- Developed a code analysis tool providing insights into source code quality.
- Gathered metrics such as unreachable loops and unused variables.
- Generated System dependency and Control Flow graphs.