

# Andesson Reis

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## Projects

### Machine-Learning-Model-Spectrum

Python, Jupyter

MaCHiNE LEaRNiNG

Github

- This project, Machine-Learning-Model-Spectrum, is dedicated to malware detection, employing diverse Artificial Intelligence techniques for enhanced security measures
- The project utilizes an ensemble of machine learning techniques, including Random Forest, Decision Trees, and k-Nearest Neighbors, to build a comprehensive Machine Learning Model Spectrum focused on malware detection. This approach combines the strengths of different algorithms to improve accuracy and robustness in identifying potential security threats

### SGIF

Java, Spring

SySTEM Of MANAgEMENT for IFbA (backend development)

Github

- Developed a comprehensive System Management API for IFBA, Irecê campus, encompassing various roles and functionalities.
- Utilized Java and Spring, incorporating Spring Security for robust authentication and authorization mechanisms.
- User and permissions management with Spring Security.
- Integrated advanced user management mechanisms, enabling precise control over permissions and assignments for each profile. The system encompasses a variety of roles, ranging from students to administrative staff.

## Technical Skills

### Programming Languages

Python, JAVA, R, C/C++, SQL

### Machine Learning

PyTorch, Tidyverse

### DevOps Tools

Git, GNU Make, Docker, PyTest

### Big Data and ETL/ELT Tools

Apache Spark, Hadoop, Apache Airflow, Apache Nifi, Talend

### Visualization

Tableau, Power BI, matplotlib

### Database

MySQL, PostgreSQL, MongoDB

### Cloud and Storage

AWS, GCP, Azure, Vercel

### API Construction and Server Logic

Java, Spring

### Web Technologies/Frameworks

Bootstrap, jQuery, JavaScript, HTML5, CSS3

## Education

### Federal Institute of Education, Science, and Technology of Bahia

Bahia, Brazil

Systems Analysis and Development

feb. 2022 - jan. 2025

- 8.04/10