Yves Emmanuel

"Truth can only be found in one place: the code." — Robert C. Martin

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PROJECTS

Analysis of Vaccination in Recife — Available on:

github.com/yvesemmanuel/vaccination_analysis

Data science amazed me and I have been practicing data analysis and machine learning algorithms. Using statistical concepts, I analyzed the vaccination data of Recife's population with Pandas and Matplotlib (Python3 libraries).

Recommendations System - TV shows —

Available on:

github.com/yvesemmanuel/machine_learning

I had an English course at college focused on the MOOC (Fast.ai) course "Practical Deep Learning for Coders" and I was introduced to the practice of deep learning through machine learning concepts. So I built a content-based recommendation system to predict upcoming shows to watch on Netflix using scikit-learn (Python3 library).

Personal Webpage — Available on:

github.com/yvesemmanuel/yvesemmanuel.github.io

As a front-end developer, I am qualified to architect and develop websites and applications using web technologies (HTML, CSS, JavaScript). Also, I had experience with design thinking and prototyping working on a college project, so I mixed those skills to build my personal website.

Music Player — Available on:

github.com/yvesemmanuel/music_player

In the third semester of college, I took the Software Infrastructure course and learned how a computer handles applications with multiple functionalities by sharing data (Multithreading in Java). The course project was to develop a music player's functionalities.

PROGRAMMING LANGUAGES & TECHNOLOGIES

Python: Advanced, OOP, multithreading, sockets, pandas, Seaborn, Matplotlib.

C++: Intermediate, OOP, estrutura de dados, algoritmos.

Java: Intermediate, OOP, multithreading.

HTML: Intermediate, Rendering Engine, Accessibility.

CSS: Intermediate, Responsive Web Design, Bootstrap.

JavaScript: Beginner, Basic Constructs, Callback, Arrow Functions, DOM manipulation.

SQL/PLSQL: Intermediate, queries, triggers.

CERTIFICATES

Introduction to Data Science in Python (2020): Python has been the most used language for data manipulation and analysis.

Introduction to HTML5 (2021): HTML5 is the latest version of the markup language that makes it possible to create web pages.

Software Engineering Applied to Automotive Software: Part-time course at UFPE that introduced me to project design techniques, design patterns, clean code and SOLID.

LANGUAGES

Algorithms and Data Structures— Available on:

github.com/yvesemmanuel/datastructures__algorithms

In this project my goal was to improve my C++ practices while studying algorithm analysis and the use of Object–Oriented Programming to build data structures.

Machine Learning — Available on:

github.com/yvesemmanuel/machine__learning

In this repository I have some of my studies on intelligent systems, machine learning and studies related to data science.

Portuguese: Native.

English: Good communication and writing, great understanding and reading.

EDUCATION

Escola Municipal João XXIII, Recife — *Elementary School II*

FEB 2013 - DEC 2016

I had my first approach with technology through a robotics group at school. I participated in two FLL championships (FIRST Lego League Challenge) and my team won the thematic research award in 2014.

EREM Martins Júnior, Recife — *High School*

FEB 2017 - DEC 2019

I studied at a great school and my teachers encouraged me to study to change my reality. At the end of the period, I was able to apply to a public university.

Universidade Federal de Pernambuco, Recife — *Bachelor Science in Computer Science*

2020 - PROGRESS

I was a scholarship student at BIA, UFPE's institutional policy, in a research project to design, prototype and build a collaborative platform – Inovaula – for public school teachers to plan classes with digital educational resources.

EXPERIENCE

Pernambuco State Auditor's Office

FEB 2022 - in progress

I had my first internship as a web developer at the innovation group of the Prisma Lab. During this experience, I am responsible for proposing technological solutions that automate the receipt of demands by the ombudsman.