Weslley Victor da Costa Vieira

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youtube.com/channel/UChKfMu5nqzFLgLHa-R0a12A

🎓 EDUCATION

Undergraduate studies: In progress (second year).
Institution: Universidade do Porto.
Graduation: Bachelor's Degree in Physics with minor in Computer Science.

U.PORTO
FC FACULDADE DE CIÊNCIAS
UNIVERSIDADE DO PORTO

About me:

My name is Weslley Victor and I am enrolled in an undergraduate degree in Physics at the University of Porto. I'm studying physics because I am deeply passionate about understanding the world around me on its multiple levels: from the flow of the tiny electrons that enable the modern computers to work as they do to the Sun, that produces huge amounts of energy by thermonuclear explosions on its core – energy we use to do our business here on Planet Earth. I believe this mindset allows a better understanding of one's place in the great scheme of things at the same time that enables one to have the critical thinking necessary to search and find out how things actually work. These analytical and critical thinking skills are also really useful when it comes to solving problems while developing and maintaining software.

In my spare time I learn and implement front-end and back-end web technologies with the purpose of enabling people to use the internet, one of the most impressive human creations, to do great things. Those abilities will help me become a better software developer and also a better user of the scientific method - two areas of knowledge I'm really passionate about.

🌐 LANGUAGES

- o Portuguese (Native)
- o English (Fluent)
- o Spanish (Basic level)

PERSONAL PROJECTS

Some of the projects I developed:
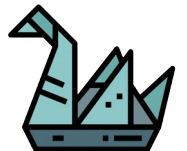
Booked: Keep track of the books you are reading
• Developed a web application called **Booked**. On it, users can keep track of the books they read throughout the year.
• I utilized technologies such as JavaScript, Ajax, PHP (using Object Oriented Programming and PDO to interact with the database), MySQL and Python.
Repository link: https://github.com/wvict/booked

Origami: your personal journal
• Created **Origami**, a web application that allows users to write and store personal notes.
• I used, as in the previous two projects, PHP as the server side language and MySQL as the database. Ajax was also used to save and edit notes without reloading the page. OOP PHP and PDO were also used.
Repository link: https://github.com/wvict/origami

Endenda Mais
• Implemented the website for a science communication project called Entenda Mais (https://facebook.com/entendama1s).
• The project was developed using the PHP framework Laravel and MySQL database.
Repository link: https://github.com/wvict/entendamais-laravel

Type
• Created a multiplayer game using Node.Js, Express and Socket.io.
• On it users (up to four per room) can compete against each other to see who's able to write the displayed quotes the fastest.
• Used the quotes API from favqs.com to get and display the quotes used in the web application.
• Using Socket.io, it was possible to achieve the desired bi-directional and real-time communication between client and server, allowing to display the players progress while they play.
Repository link: https://github.com/wvict/type

Blog with Node.Js and Express
• Developed a personal blog with CRUD and authentication functionalities using Node.Js, Express and MongoDB.
• On it, registered users can add, edit and delete blog posts. The website has also access control implemented.
• Utilized Handlebars as the view engine.
• Used PassportJs to implement the authentication system.
• Used Bcrypt to hash the passwords that went into the MongoDB database.
Repository link: https://github.com/wvict/express-blog

Blog using Laravel
• Created a blog using the PHP framework Laravel and MySQL.
• The blog has a login system and allows user to add, edit and delete posts. Bootstrap was also used in this project.
Repository link: https://github.com/wvict/laravel-blog

LinkedIn home page
- Built a replica of the LinkedIn home page using HTML5, CSS3 and JavaScript. In this project I utilized CSS flexbox and CSS grid.

Repository link: https://github.com/wvict/linkedin-frontpage

⚙ SOFTWARE SKILLS

I have experience with the following technologies:

Front-end development:
- HTML5
- CSS3
- JavaScript
- Bootstrap
- JQuery

Back-end development and databases:
- PHP
- Laravel
- Node.Js and Express
- PassportJs
- Handlebars
- MySQL
- MongoDB

Development tools:
- Git

Other programming languages:
- Python

Other technical skills:
- Linux
- SSH
- Apache
- Socket.io

💼 PROFESSIONAL EXPERIENCE

Company: Tribunal Regional Federal da Primeira Região (Federal Justice) - Subseção Judiciária de Sinop/Mato Grosso (Brazil).
Working period: 11/04/2017 - 29/01/2018.
Role: Intern.
Department: Department of protocol and distribution of court lawsuits.