Weslley Victor da Costa Vieira

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wvict.github.io

ABOUT ME

I am a software developer using technologies such as JavaScript, PHP, Node.Js/Express, MySQL and MongoDB, having previous experience with Digital Ocean's VPS and the Heroku cloud platform. I also have experience with data analysis with Python and SQL. I'm passionate about learning and I have a special interest on full-stack web development with a focus on the back-end.

EDUCATION

Universidade do Porto (Sept 2018 – June 2021)
Major: Bachelor's Degree in Physics
Minor: Computer Science
CS Coursework: Web Technologies, Data Structures and Algorithms, Functional Programming, Databases

LANGUAGES

Portuguese (Native)
English (Advanced)

PERSONAL PROJECTS

Origami
origamiwebapp.herokuapp.com

✓ Created **Origami**, a web application that allows users to write and store personal notes online.
✓ Used PHP as the server side language and MySQL as the database. Ajax (implemented with JQuery) was also used.

Tables/Graphs generator
github.com/wvict/covid19-portugal-wikipedia

✓ Developed a Python script that parses the DGS website for daily Covid-19 reports and generates timeline graphs and summary tables with the goal of contributing to Portugal's Wikipedia page.
✓ *Beautiful Soup*, *requests* and *urllib* were used to find and download the reports while *pdfminer* was used to extract data from the PDF files.

Booked
bookedapp.herokuapp.com

✓ On **Booked** users can keep track of the books they are reading.
✓ Users can add, edit and delete books on the platform. Book covers are also downloaded based on the title and author of the book.
✓ Used HTML, CSS and JavaScript on the front-end, PHP on the back-end and MySQL as the database.

Endenda Mais
entendamais.herokuapp.com

✓ Implemented the website for a science communication project called **Entenda Mais** (facebook.com/entendama1s).
✓ It has CRUD functionalities for adding posts and users can leave comments each article.
✓ The project was developed using the PHP framework Laravel and MySQL.

Dominow
github.com/wvict/domino

✓ Dominow is a web based domino game and it was built using HTML, CSS, JavaScript on the front-end and Node.Js on the back-end.
✓ The game has a single-player and multiplayer mode. On the latter, Server Sent Events were used for the communication between client and server.

CRUD blog
github.com/wvict/express-blog

✓ Developed a personal blog with CRUD and authentication functionalities using Node.Js, Express and MongoDB.
✓ 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.

TECHNICAL SKILLS

Programming languages: JavaScript, Python, Java, PHP, Haskell
Front-end development: HTML5, CSS3, Bootstrap4, JQuery
Back-end development and databases: Laravel, Node.Js, Express, MySQL, MongoDB
Data analysis: Pandas, NumPy, matplotlib, SQL
Others: Git, Bash