

# Wesley Victor da Costa Vieira

Porto, Portugal

+351 912 018 056

w3sley.victor@gmail.com

[w3sley.github.io](https://w3sley.github.io)



## ABOUT ME

I utilize technologies such as JavaScript, Node.js, PHP and MySQL to build and deploy full-stack web applications, having previous experience with Digital Ocean's VPS and the Heroku cloud platform. Given my background in a STEM field, I also have experience with data analysis using tools such as Python and SQL. I'm passionate about learning and I have a special interest in back-end web development and DevOps.

## TECHNICAL SKILLS

**Programming languages:** C/C++ (familiar), Java, JavaScript, TypeScript, Python, PHP

**Front-end development:** HTML5, CSS3, Bootstrap4, jQuery

**Back-end development:** Node.js, Express, Laravel

**Databases:** MySQL, MongoDB (familiar)

**Data analysis:** pandas, numpy, matplotlib, SQL

**Version Control:** Git, GitHub, GitLab

## LANGUAGES

**Portuguese** (Native)

**English** (Fluent)

**German** (Beginner)

**Spanish** (Beginner)

## PROFESSIONAL EXPERIENCE

### Software Developer at **Kompetenza**

May 2021 – Present

- ✓ Implementation of RESTful APIs using Node.js/Express (deployed on Heroku) and integration with Salesforce's platform
- ✓ Used JavaScript, Apex, Flow Builder, Process Builder, Lightning Experience, among others

### Full-Stack Developer at **Accio**

Mar 2021 – Present

- ✓ Part of the development team responsible for the implementation of new features on the product
- ✓ Implemented the MVC software design pattern on back-end code and DevOps practices on deployment process
- ✓ Used PHP, MySQL, JavaScript, jQuery and Semantic UI

### Research Assistant at **CAUP**

Feb 2020 – Dec 2020

- ✓ Implemented a Python software using statistical tools such as Markov chain Monte Carlo to improve measurement of uncertainties on velocities of stars with the goal of setting constraints on dark matter present on ultra-faint dwarf galaxies
- ✓ Utilized the following Python libraries: *numpy*, *pandas*, *matplotlib* and *astropy*, among others

## PERSONAL PROJECTS

### Personal blog

[GitHub](#) | [Website](#)

- ✓ Developed a personal blog and deployed it on the Heroku cloud platform
- ✓ Utilized Node.js and Express in the back-end, and MySQL as the database

### Origami

[GitHub](#) | [Website](#)

- ✓ Developed 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

### Wikipedia Covid-19 Charts Generator

[GitHub](#)

- ✓ Developed a Python script that parses the DGS website for daily Covid-19 reports and generates timeline charts and summary tables with the goal of contributing to Portugal's Wikipedia page

### Entenda Mais

[GitHub](#) | [Website](#)

- ✓ Implemented the website for a science communication project called [Entenda Mais](#)
- ✓ The project was developed using the PHP framework Laravel and MySQL

## EDUCATION

### Universidade do Porto

September 2018 – September 2021 (expected)

**Major:** Bachelor's Degree in Physics

**Minor:** Computer Science

**CS Coursework:** Data Structures and Algorithms, Algorithm Design and Analysis, Web Technologies, Computer Networking, Databases, Functional Programming