

# Wesley Victor da Costa Vieira

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## EDUCATION

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### Universidade do Porto

*Bachelor's Degree in Physics, Minor in Computer Science*

Porto, Portugal

*July 2022 (Expected)*

**Relevant CS Classes:** Data Structures and Algorithms, Algorithm Design and Analysis, Web Technologies, Software Architecture, Computer Networking, Databases, Operating Systems, Functional Programming

## EXPERIENCE

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### Software Developer

May 2021 - Present

*Kompetenza*

*Porto, Portugal*

- Development of integrations between third party applications/APIs and the Salesforce CRM platform
- Development within the Salesforce ecosystem
- Technologies: JavaScript, Node.js, React, MongoDB, Heroku, Apex, Salesforce Lightning, MuleSoft

### Undergraduate Research Assistant

February 2020 - December 2020

*Centro de Astrofísica da Universidade do Porto (CAUP)*

*Porto, Portugal*

- 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

## TECHNICAL SKILLS

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

**Front-end development:** HTML5, CSS3, Bootstrap5, jQuery, React

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

**Databases:** MySQL, MongoDB

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

**Version control:** Git, GitHub, GitLab, Bitbucket

## PERSONAL PROJECTS

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### Accio

March 2021 – Present

- I am part of the full-stack web development team in a project made by and for students with currently 900+ users
- Used technologies such as JavaScript, PHP, MySQL, Bootstrap and Git, among others
- Improved deployment process by implementing CI/CD methodologies

### Kino

June 2021 – Present

- Developed a web application where users can look up detailed information about the movies they love
- Used Node.js, Express, MongoDB and React for development and it was deployed on Heroku.
- The project was submitted to the Dept back-end case assignment, which was part of the 2021 Digital Talent Virtual Fair, and won first place in the contest.

### Covid-19 Wikipedia Chart Generator

April 2020 – Present

- 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

## LANGUAGES

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**Portuguese:** Native

**English:** Fluent

**German:** Beginner

**Spanish:** Beginner

## INTERESTS

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full-stack web development, algorithms and data structures, APIs, event streaming, web3