Maria Ribeiro Vieira

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Lifelong student. Strongly motivated to unlock new levels of knowledge. Dynamic and activist spirit. Powered by plants and discipline.

TECHNICAL SKILLS

- Python | HTML5 | CSS3 | Bootstrap | JavaScript ES6+ | TypeScript | Angular | GitHub | Scrum
- Linux Command Line | Visual Studio Code | Chrome DevTools | DOM Manipulation | JSON | RESTful APIs | AJAX | Responsive Design | Frontend Development | Web Development
- VMD | Pymol
- Homollogy Modelling | Virtual Screening | Molecular Docking | MM/MD Simulations
- Adobe Illustrator | English

SOFT SKILLS

- Effective Communication | Realistic Planning | Note-Taking | Persistance | Detail Orientation

WORK EXPERIENCE

Backend Developer Intern - BLIP (Porto, Portugal) **Sept. 2023 - Current**

Frontend Developer - Actuasys (Porto, Portugal) **Apr. 2023 - Sept. 2023**

- TypeScript | Angular | Angular Material | Git | Azure DevOps
- Design and development of a new feature - Schedule Exchange - for the Essential Web App
- Collaboration with a team of experienced developers, delivering tasks in a 2-week basis

EDUCATIONAL BACKGROUND

Frontend Development (self-taught) **Sept. 2022 - Current**

- Some of my projects are available on my GitHub page **https://github.com/mvieira1**
- Personal Website (under construction) **https://mvieira1.github.io/mvieira/**

M. Bioinformatics and Computational Biology **2020 - 2021**

Faculty of Sciences of the University of Porto

- (Project 2) **sPLA2 - Homollogy Modelling, Molecular Docking & Virtual Screening; DszB reaction mechanism - QM/MM Methods**
- (Project 1) **HIV-1 Protease-Nelfinavir - Molecular Mechanics & Molecular Dynamics**

B. Biotechnology **2016 - 2019**

University of Aveiro

- (Publication) **Step-by-step design of proteins for small molecule interaction: a review on recent milestones** José M. Pereira, Maria R. Vieira, Sérgio M. Santos
- (Project 0) **Computational determination of protein folding, for application in the design of synthetic peptides.**

HOBBIES & INTERESTS

- Exercising | Programming | Writing | Reading | Arts & Design | Sustainability & Minimalism