Diana Lourenço

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ABOUT ME

Biotechnology graduate with an MSc in Bioinformatics and Computational Biology, and now self-learning web development. Experienced in Python, SQL, and JavaScript, with hands-on practice building interactive web applications, dynamic websites, and responsive front-end designs. Currently deepening web development knowledge through The Odin Project. Passionate about learning, problem-solving, and creating clean, user-friendly digital experiences.

EDUCATION

University of Porto   **Sep 2023 – Nov 2025**
Master's in Bioinformatics and Computational Biology – Final Grade: 17/20
Thesis: "Algae and Plastic Pollution: A Computational Study on Enzyme-Based Biodegradation Mechanisms"

University of Aveiro   **2020 – 2023**
Bachelor's in Biotechnology – Final Grade: 15/20
Project: "Detection of biomarkers associated with catecholamine-secreting tumors."

EXPERIENCE

Extra-Curricular Internship Program (PEEC)   **Feb 2024 – Jul 2024**
Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR), Portugal

- Designed and implemented automated Bash workflows to process large, complex datasets.
- Performed data cleaning, organization, and preprocessing to support downstream analysis.
- Collaborated in a multidisciplinary team, translating research needs into technical solutions.

PROJECTS

Personal Portfolio | Live Demo

- Designed and deployed a modern, responsive personal website showcasing projects and skills.
- Implemented interactive elements, smooth navigation, and visually appealing layouts using HTML, CSS, and JavaScript.

SKILLS

- **Programming languages:** Python, R, SQL, JavaScript, HTML/CSS
- **Data Science & Machine Learning:** Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn
- **Version Control:** Git, GitHub