

# RAQUEL PARRONDO PIZARRO | RESUME



- » Code Skills: Python, Perl, R, HTML, SQL, LaTeX, Git
- » Attributes: Teamwork Skills and Ability to work under pressure, Leadership and Organization Skills, Critical Thinking and Problem-Solving, Great Adaptability and Willingness to learn
- » Languages: English (C1), Spanish (Native), Catalan (Native)
- » Activities: Singer, Musician, Sports

## Summary

I am Raquel, graduate in Biotechnology and currently studying a master in Bioinformatics. I have always been a lover of Health Sciences and thanks to the degree I have acquired a great deal of knowledge in this field. Beyond Biotechnology, I have been able to learn Bioinformatics, focusing my interests on Machine Learning and Structural Bioinformatics. I am proficiency in Python, Perl and R, although I would not mind using another programming language.

## Experience

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|-------------|--|-----------------|
| 02/22-07/22 | <b>Undergraduate Research Fellow</b>   | UB-BSC          |
|             | <ul style="list-style-type: none"> <li>» Working as a research fellow in Protein Molecular Recognition (RMP) research group developing my Final Degree Project in the Barcelona Supercomputing Center. I acquired experience in Linux environment, Python programming, Molecular Dynamics simulations, and Machine Learning analysis.</li> </ul> |                 |
| 06/17-09/17 | <b>Internship Student</b>  | IRBB - PCB      |
|             | <ul style="list-style-type: none"> <li>» Working as an internship student within the BATX2LAB program developing my Research Project for the Baccalaureate in the Institut de Recerca Biomèdica de Barcelona. I acquired experience in the use of Protein Data Bank (PDB) Database and Visual Molecular Dynamics (VMD) program.</li> </ul>       |                 |
| 2020-2022   | <b>Professor</b>   | Private classes |
|             | <ul style="list-style-type: none"> <li>» Private lessons for high school and Baccalaureate students. Private singing and music lessons (substitutions).</li> </ul>   |                 |

## Education

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|-----------|--|--------|
| 2022-2024 | <b>Master in Bioinformatics for Health Sciences</b>  | UPF-UB |
|           | <ul style="list-style-type: none"> <li>» I am currently introducing myself into Bioinformatic areas such as Genomics Bioinformatics, Structural Bioinformatics, Data Mining in Biomedicine, Databases and Web Design...</li> </ul> |        |
| 2018-2022 | <b>Bachelor's Degree in Biotechnology</b>  | UB     |
|           | <ul style="list-style-type: none"> <li>» Graduated with honours. Grade: 9.5</li> <li>» You can find my Final Thesis in my Github repository, which is attached below.</li> </ul>   |        |

## Other activities

### English courses

- » Currently studying to get the English Level C1: Advanced Certificate in English (CAE).

### Musical studies

- » Music theory, piano lessons, singing lessons. Currently, vocalist in a duet and singer in a professional gospel choir. Official certificates in Vocals Grades and Gospel studies.