


BENEDICT MONTEIRO

I am passionate about the bioinformatic study of genomic data, and how this can improve our understanding of biology and the treatment of human diseases. Following completion of my masters degree, I aim to pursue a PhD in the field.




EDUCATION

2021
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2020


- **MSc Genomic Medicine**
St George's, University of London  London, UK
 - Awarded an academic scholarship.
 - Will study the collection, analysis and applications of genomic data in medical contexts.

2020
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2016

- **BSc Biochemistry with French for Science**
Imperial College London  London, UK
 - **Predicted grade:** 1st. 69% average from years 1 and 2.
 - **Final year research project dissertation:** "*Environmental stress provokes a transcriptomic call to arms in Legionella pneumophila*" (TBC).
 - Advanced final year modules in Bioinformatics, Mechanisms of Gene Expression and Damage & Repair in Biological Systems
 - **Cultural Dissertation in French:** "*The importance of the Second Empire for the city of Paris*" (74%)
 - **2nd year Tutored Dissertation:** "*How can carbon fixation in plants be improved?*" (75%)

RESEARCH EXPERIENCE

2020
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2020

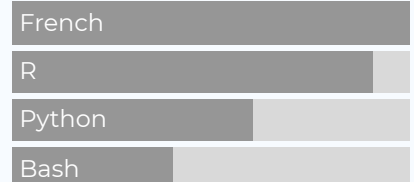
- **Undergraduate Researcher**
Costa Lab, CMBI  Imperial College London
 - Analysed RNA-Seq differential expression data to outline the response of the bacteria *L. pneumophila* to 9 stressors.
 - Showed that life cycle progression to the transmissive phase occurs in times of environmental stress.
 - Results to be used in an upcoming study of the transcriptomic response of ~20 bacterial pathogens to stressors.

View this CV online with links at nickstrayer.me/datadrivencv/

CONTACT

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in linkedin.com/in/bjmonteiro

LANGUAGE SKILLS



Made with the R package [pagedown](https://github.com/jgm/pagedown).

The source code is available at github.com/benedict909/CV.

Last updated on 2020-06-12.

2019
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2018

Erasmus Research Placement

Zucman-Rossi Lab

📍 Université de Paris, France

- Worked independently on a bioinformatical analysis of mutational signatures in liver cancer WGS and WES data.
- Performed all analyses and designed the results figure for the “mutational signatures” section of an upcoming publication on the genomic study of a rare type of paediatric liver cancer.
- Updated the R package [Palimpsest](#) with functions for the extraction, plotting and further study of new types of mutational signatures.
- Completed an “introduction to Python” course designed for Bioinformatics MSc students at the Université de Paris.