


# 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  
|  
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  
|  
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%)


View this CV online with links [here](#)

## CONTACT


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in [linkedin.com/in/bjmonteiro](https://linkedin.com/in/bjmonteiro)

## RESEARCH EXPERIENCE

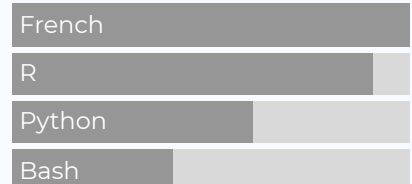
2020  
|  
2020

- **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.
  - Discovered 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 stress conditions.

2019  
|  
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.

## LANGUAGE SKILLS



Made with the R package [pagedown](#).

The source code is available at [github.com/benedict909/CV](https://github.com/benedict909/CV).

Last updated on 2020-06-12.