


# 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**  
King's Collge/St George's, University of London  London, UK
  - Awarded academic scholarship.
  - Modules covering the collection, analysis and applications of genomic data in clinical and research contexts.
  - Bioinformatic research project to be undertaken in Spring/Summer 2021.

2020  
|  
2016

- **BSc Biochemistry with French for Science**  
Imperial College London  London, UK
  - **Final grade:** First Class Honours (71% overall average)
  - **Final year research project dissertation:** "*Environmental stress provokes a transcriptomic call to arms in Legionella pneumophila*" (80%)
  - **Final year modules:** Bioinformatics (69%), Mechanisms of Gene Expression (70%), Damage & Repair in Biological Systems (72%), French Translation (69%).
  - **Cultural Dissertation in French:** "*The importance of the Second Empire for the city of Paris*" (74%)
  - **2nd Year Modules:** Applied Molecular Biochemsitry (66%), Fundamentals of Molecular Biochemistry (65%), Genes & Genomics (66%), Intergrative Cell Biology (71%), Tutored Dissertation (75%), French (71%).
  - **1st Year Modules:** Biological Chemistry (77%), Cell Biology (67%), Molecular Biology (63%), Proteins & Enzymes (69%), French (71%).


View this CV online with links at [nickstrayer.me/datadrivencv/](https://nickstrayer.me/datadrivencv/)

## CONTACT

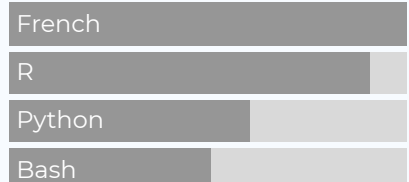
✉ [bjm116@ic.ac.uk](mailto:bjm116@ic.ac.uk)  
 [github.com/benedict909](https://github.com/benedict909)  
☎ (+44) 07599759975  
🏠 Flat 3, 59 Cowley Road,  
London, SW9 6BQ

## RESEARCH EXPERIENCE

Current  
|  
2020

- **Undergraduate Researcher**  
Costa Lab, CMBI  Imperial College London
  - Analysed RNA-Seq differential expression data to outline the transcriptomic response of the bacteria *L. pneumophila* to stress conditions.
  - Currently preparing manuscript for journal submission.

## LANGUAGE SKILLS



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

The source code is available [on github.com/nstrayer/cv](https://github.com/nstrayer/cv).

Last updated on 2020-11-12.

2019  
|  
2018



### Erasmus Research Placement

Zucman-Rossi Lab, CRC

📍 Université de Paris, France

- Worked independently on a bioinformatical analysis of mutational signatures in liver cancer whole genome sequencing 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<sup>7</sup> with functions for the extraction, plotting and further study of new types of mutational signatures.



## INDUSTRY EXPERIENCE

```
## Warning in stri_extract_all_regex(string, pattern, simplify = simplify, : argument is not an atomic vector; coercion will be attempted, but may not be what you want
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```

NA



NA  
NA  
NA

📍 NA



## TEACHING EXPERIENCE

Current  
|  
2020



### Graduate Teaching Assistant

Department of Life Sciences

📍 Imperial College London

- Teaching of core maths skills to Biology & Biochemistry undergraduates.

NA



## SELECTED DATA SCIENCE WRITING

```
## Warning in stri_extract_all_regex(string, pattern, simplify = simplify, : argument is not an atomic vector; coercion will be attempted, but may not be what you want
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## SELECTED PRESS (ABOUT)

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NA



## SELECTED PRESS (BY)

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## Warning in stri_extract_all_regex(string, pattern, simplify = simplify, : argument is not an atomic vector; coercion is not allowed
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NA



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NA



## SELECTED PUBLICATIONS, POSTERS, AND TALKS

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```

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NA  
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NA



NA



## LINKS

1: <https://github.com/FunGeST/Palimpsest>  
2: NA  
3: NA  
4: NA  
5: NA  
6: NA  
7: NA  
8: NA  
9: NA  
10: NA  
11: NA  
12: NA  
13: NA  
14: NA