GABRIEL MATEUS BERNARDO HARRINGTON

Currently searching for a bioinformatic/data science role

Currently searching for a position that allows me to build tools leveraging a combination of visualization, machine learning and software engineering to help people explore and understand their data in new and useful ways.

🎓 EDUCATION

2016

Lancaster University
BSc in Biological Sciences   📍 Lancaster, UK

Thesis: 5-prime genotyping of Enterovirus 71

2021

Keele University
PhD in Regenerative Medicine   📍 Oswestry, UK

Thesis: Biomarker discovery and prognostic modelling in spinal cord injury

💻 RESEARCH EXPERIENCE

2016
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2017

Graduate Research Internship
Bionics Institute   📍 Melbourne, Australia
• Began initial work towards building a next-generation cochlea implant
• Established the viability of using a viral vector for optogenetic modification of mouse cochlea

📄 SELECTED PUBLICATIONS

2020

A Preliminary Cohort Study Assessing Routine Blood Analyte Levels and Neurological Outcome after Spinal Cord Injury
Journal of Neurotrauma 2020 Jan 9

Sharon J. Brown, **Gabriel M.B. Harrington**, Charlotte H. Hulme, Rachel Morris, Anna Bennett, Wai-Hung Tsang, Aheed Osman, Joy Chowdhury, Naveen Kumar, and Karina T. Wright

2020

Routinely Measured Hematological Markers Can Help to Predict American Spinal Injury Association Impairment Scale Scores after Spinal Cord Injury
Journal of Neurotrauma 2020 Aug 28

Gabriel Mateus Bernardo Harrington, Paul Cool, Charlotte Hulme, Aheed Osman, Joy Roy Chowdhury, Naveen Kumar, Srinivasa Budithi, and Karina Wright

CONTACT INFO

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 GitHub: H-Mateus
🏠 Personal website
For more information, please see my personal website linked above, or contact me via email.

SKILLS

Experienced in statistical analysis, statistical learning models, proteomics, electronic health data and bioinformatics, including the use of high performance cluster computation.

Experience in both technical and lay-friendly science communication via oral and poster presentation at multiple conferences, local schools and science fairs.

Highly skilled in R, Bash, Python, LaTeX, SQL, Linux

Last updated on 2021-03-25.