

Samuel John Beales

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Profile:

Keen master's graduate with proven research lab experience in Python, R, and shell scripting. With a commitment to pursuing a research career, experience in creating single-cell sequencing pipelines gained from a six-month research project, and dedicated to professional development with personal projects such as hosting personal website. Looking to secure a graduate role with a research group where I can support pipeline development and use my computational analysis skills.

Key Skills:

- Enthusiastic and curious keeping up to date with research areas of interest.
- Conscientious and dedicated to maintaining high standards of work quality.
- Flexible and under high pressure proven under intensive Lab assistant experience.
- Commitment to professional development with the development of a personal website.

Education:

Newcastle University 19th September 2022 - 28th July 2023:

MRes Immunobiology and Bioinformatics:

Relevant Modules:

- Bioinformatics for Biomedical Scientists
- Genetics of Common Disease
- Research Skills and Principles for the Biosciences

Project and skills:

Lessons from nature- using human developmental data to inform haematopoietic organoid design.

- Extensive use of Python, and R in Single-cell analysis pipelines
- Shell scripting for management of a Linux virtual machine
- Personal initiative and creative use of resources to solve research problems.
- Interpreted personal research data to creatively draw conclusions.
- Developed awareness of my professional development needs and where to improve my skills.

University of Huddersfield 2018-2022:

Biology (Cellular and Molecular) B.S.(Hons): Upper second

Relevant Modules:

- Research skills 2
- Genomics
- Genomes and Evolution

St Bede's Catholic School and 6th Form College 2011-2018:

A-level: Biology (C), Chemistry (C), Psychology (C)

AS-level: Core Maths (B)

GCSE: 7 GCSEs at A-C

BTEC: 3 BTEC at pass and above

Work experience:

Handyman, John Beales property services, 1st August 2023 – Present

- Regular handyman work across a wide variety of projects

Lab Assistant, Lonza Group; 1st September 2020 – 31st August 2021

- Worked under sterile conditions in a professional microbiology lab.
- Maintained lab book with clear scientific language and coordinated own schedule.
- Presented project progress regularly to managers at weekly meetings.
- Used specialist laboratory equipment and wrote SOPs for lab use.
- Provided demonstrations and training for other members of staff on how to use new pieces of equipment.

Vice-President, University of Huddersfield Fencing Club; September 2019-2022

- Coached and managed weekly fencing sessions to ensure reliable practice for members.
- Communicated with Students Union and organised club finances to maintain regular stock of functioning equipment for club use.

Academic Representative, University of Huddersfield; September 2018-2020

- Worked to improve the quality of student experience, gathering feedback, attending meetings, and filing issues.

Coding languages:

- Python
- R
- Shell Scripting (Unix, Z Shell)
- HTML 5

References:

Available upon request