

Hugh WARDEN

Machine Learning | Data Science | Package Development

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I am a PhD Student working in the Human Genetics unit at the Institute of Genetics and Cancer, part of the University of Edinburgh. This is the online version of my CV, please contact me if you are interested in receiving a full copy.

EDUCATION

Present September 2021	PhD Genetics and Molecular Medicine, INSTITUTE OF GENETICS AND CANCER - UNIVERSITY OF EDINBURGH, I am currently a rotation student working at the Human Genetics Unit at the Institute of Genetics and Cancer, a part of the University of Edinburgh. For my first project I am working with Ava Khamseh's lab to build a prototype classifier to identify cancer from a cell population based on cell morphology. <div>Machine Learning Statistical Modelling Python R PyTorch Oncology Genetics</div>
September 2016 August 2021	MMath Mathematics, UNIVERSITY OF SOUTHAMPTON, Whilst studying for my integrated masters, I focused on statistical modelling and operational research. Towards the end, I specialised in machine learning and data science and specifically their applications in genetics and biology more widely. I also did a lot of research into hypergraph theory, its applications in machine learning and modelling of networks with higher order relationships such as protein-protein interactions. <div>Machine Learning Statistical Modelling Hypergraph Theory R Python Data Science Genetics Biology</div>

</> PROGRAMMING LANGUAGES

R	●	●	●	●	●
Python	●	●	●	○	○
Java	●	●	○	○	○

+ PERSONAL ATTRIBUTES

- > Passionate
- > Motivated
- > Self-Starter