



## Modelling and Analysing of Crowds

### James Etherington, Data Scientist - Crowd Connected

My PhD was in the field of galaxy evolution and formation at the Institute of Cosmology and Gravitation (ICG) at University of Portsmouth. I analysed data from galaxy surveys including SDSS and DES. I investigated how the distribution of galaxy stellar masses in the Universe depends upon the environments in which the galaxies reside.

I currently work as a data scientist for a small business called Crowd Connected. In a typical week I work on research and development problems to enhance the commercial services that the company offers. This includes the modelling and analysis of crowds at music festivals and within transport systems.

My PhD improved my research and analysis skills. Everyday I use Python to analyse big datasets. Statistical techniques that I learnt during my PhD are very useful in my current role. My role has given me an understanding of developing an idea into new commercial services and products.

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CONGRATULATIONS  
GRADUATES 2

