

Jack Waudby

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Education

2017 – Present: PhD in Cloud Computing for Big Data (Newcastle University)

2015 – 2016: MSc Statistics (Lancaster University)

Distinction

- *Dissertation*: “Spatial and temporal modelling of antibiotic resistant *Salmonella* in cattle across England and Wales”.
- *Modules*: Likelihood Inference, Generalised Linear Models, Computationally Intensive Methods, Bayesian Inference, Clinical Trials, Principles of Epidemiology, Genomics, Survival Analysis and Environment Epidemiology.

2012 – 2015: BSc (Hons) Economics & Mathematics (Lancaster University)

First

- *Modules*: Probability, Linear Algebra, Statistics, Likelihood Inference, Project Skills, Topics in Modern Statistics, Medical Statistics, Intermediate Microeconomics 1 & 2, Intermediate Macroeconomics 1 & 2, Advanced Macroeconomics, Health Economics, Sport Economics and Development Economics.

Work Experience

January – April, 2017: École Sur Neige Tremblant, Ski Instructor

- Taught children, aged 3-12 and adults of differing abilities how to ski. Due to the varied nationality of clients, lessons were conducted in English or basic level French or Spanish. Frequently I was responsible for handling the dispatch of ski instructors to appropriate lessons.

January – April, 2017: Auberge du Coq de Montagne, Waiter

- Responsible for ensuring the dining room was set correctly and taking orders, in both English and French.

September – December, 2016: South Holderness Sixth Form, Mathematics Tutor

- Provided one-to-one tutoring to A-Level Mathematics students and were responsible for the sole teaching of the Year 12 Further Mathematics modules.

August 2013: LEBC Group Ltd, Administrator

- Two-week placement at a financial solutions company enhancing my industry understanding. Used the LEBC client management software and the Cofunds platform, along with Microsoft Excel, to model possible cash flows of a pension scheme to improve client advice.

May – September, 2012: Patrington Haven County Club, Lifeguard

- Part-time summer holiday work at a five star country club, further developing my teamwork skills through being part of a lifeguard team of 3-4 members.

IT Skills

- *Languages*: R, Java, SAS, JavaScript, HTML and CSS.
- *Applications*: Word, Excel, PowerPoint and Latex.

Volunteer Work

October 2015 – June 2016: *Lancaster University Men's Football Club, Chairman*

- Secured sponsorship for the club from the Hyundai Motor Company. In addition, worked with Morecambe Football Club to provide training and sports science advice, along with overseeing the general functioning of the club.

October 2011 – March 2012: *Special Olympics City of Hull, Lifeguard/Swimming Coach*

- Helped with the teaching of mentally and physically impaired children and adults. Often getting in the swimming pool and engaging first hand. This experience assisted in improving my interpersonal skills.

January 2013 – December 2013: *Junior College Representative (JCR), Finance Officer*

- Led a successful campaign to be elected, testing my public speaking and publicising skills. Responsible for Lonsdale College's finances of £9,000 and setting the annual budget that was presented before the student union.

Professional memberships, awards and courses

- Graduate Statistician member of the Royal Statistical Society (2015 – present).
- Completed the Kumon Mathematics study programme.
- Competed for and awarded a Medical Research Council studentship for the MSc in Statistics at Lancaster University (2015-2016).
- Competed for and awarded an EPSRC studentship for the PhD in Cloud Computing for Big Data (2017-2021).
- FA Level 1 Football Coaching Course (22/6/2017).
- Canadian Ski Instructors' Alliance Level 2 Certification (9/3/17).
- Royal Statistical Society Efficient R Programming Workshop. (8/11/16).

Interests

Keen footballer currently playing for Hedon Rangers AFC; previous clubs include, Lancaster University Men's Football Club, Grimsby Town FC and Leeds United. Over the years I have also achieved a brown belt "3rd Kyu" in the karate style of Wado-Ryu, swam competitively for Kingston upon Hull and South Holderness swimming clubs and achieved a Level 10 certificate from the National Ice Skating Association. Recently, I have completed in several triathlons. Also, I have been teaching myself how to play the guitar since 2015.

References

Dr. Christopher Sherlock
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