

Personal details	Mr Edward Pearce edwardm.pearce@yahoo.co.uk linkedin.com/in/edwardm-pearce Website: edwardmpearce.github.io github.com/edwardmpearce	
Profile	<ul style="list-style-type: none"> • Third year PhD student in Mathematics at the University of Sheffield • Proficient in Python (pandas, scikit-learn, Tensorflow), SQL, git, Hugo, R • Looking to apply machine learning and data analysis techniques to real world problems 	
Experience	<p>STFC AI&ML Summer School UCL 17th - 25th July 2018</p> <ul style="list-style-type: none"> • Lectures, labs on machine learning, cloud computing from ASI Data Science, Nvidia • Case studies on applications in industry and physics from Intel, Dell, Amazon, more • Poster session presenting, and outreach with secondary schools on LHC data <p>Research Analyst, TAS Services Ltd, Hong Kong July 2016 - September 2016</p> <ul style="list-style-type: none"> • Using Python for web scraping, data analysis and interfacing with SQL and mongoDB • Automating data comparison across multiple sources for accurate data management • Linking databases and preparing data for statistical modelling • Discovering a new culture through international work experience <p>Teaching responsibilities October 2015 - Present</p> <ul style="list-style-type: none"> • University of Warwick - Small group supervisor for 2x5 1st year maths students • University of Sheffield - Lead demonstrator in support classes on topics including core maths for maths & engineering majors, introductory R for statisticians <p>Warwick Maths Society (President) February 2014 - April 2016</p> <ul style="list-style-type: none"> • Elected twice to the executive committee, first as sponsorship officer, second as ~. • Secured two new sponsors for the society, increasing sponsorship funds by 100% • Managing a team of 15 exec members, chairing meetings, and organising events of varying sizes for our 900-strong membership, including external trips, summer BBQ • Presenting at the Warwick Imperial undergraduate conference on my URSS project. • Delivered a revision lecture on linear algebra to over 200 of my peers 	
Education	<p>University of Sheffield October 2016 - Present</p> <p>PhD, Mathematics; Supervisor: Dr Paul Johnson</p> <p>University of Warwick October 2012 - July 2016</p> <p>Master of Mathematics (with Honours), First Class</p> <p>Petroc, Barnstaple - A Levels September 2010 - June 2012</p> <p>Mathematics A*, Further Mathematics A*, Further Additional Mathematics A*, Physics A*, Chemistry A*, AS Critical Thinking B.</p> <p>The Park Community School - GCSE September 2005 - July 2010</p> <p>English Language A, Mathematics A*, Physics A*, French A*, Electronics A*, Astronomy A*, Biology A*, Chemistry A*, German A*, Statistics A*, English Literature A, RS A, Music B.</p>	
Additional Skills	<ul style="list-style-type: none"> • Proficient in Python (pandas, scikit-learn, Tensorflow, Sage), SQL, R, git, Hugo • Mandarin Chinese (HSK5). Minor experience with Java, Matlab, Mathematica, Magma 	
Interests	Chinese language, history, and culture (documentaries, comedy films), Hot Yoga, Reading (Dystopian fiction), Theatre (Shakespeare), Film (Marvel Cinematic Universe), Hiking (Peak District), Museums (The V&A), Card Games (Dobble, Citadels).	
References	Available upon request	