Curriculum Vitae
JOSEPH PYM

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Future MSc Data Science and Analytics student, and recent BSc Mathematics & Statistics graduate, with excellent mathematical, statistical, time management, and logical skills, as well as an enthusiastic team worker with strong attention to detail. Passionate about data science, artificial intelligence, machine learning, and sports analytics and modelling; highly motivated with experience in various statistical computing programs; always keen to learn new skills.

SKILLS

Proficient using R and Python, with experience on MATLAB, Minitab, SPSS, Simulink.
Highly Skilled on LaTeX, Microsoft Office, iWork.   Self-taught HTML, CSS, SQL.
Clean UK driving license.

EDUCATION

Coventry University: 2018—2021
BSc (Hons) Mathematics and Statistics
First Class degree with overall percentage over 80%;
Modules have included Further Calculus & Algebra; Statistical Computing; Statistical Design & Modelling; Advanced Topics in Statistics; Operational Research Techniques; Mathematical Modelling; Linear Statistical Models; Coding & Cryptography; Optimisation.

Hutton Grammar Sixth Form: 2016—2018
A — Mathematics; A — Chemistry; C — Physics.
Hutton CofE Grammar School: 2011—2016
13 GCSEs: 3 A*'s (incl. Mathematics), 6 A's (incl. English Language and Literature) and 4 B's.

OTHER QUALIFICATIONS

The Duke of Edinburgh's Award	Bronze
BTEC Aviation Studies	Pass

PROJECTS

THIRD YEAR UNIVERSITY PROJECT: "Assessing the Accuracy of Betting Odds in European Football"
GRADE: **77%** (First)
Dissertation and presentation on determining whether or not bookmakers offer accurate odds for football matches, using a range of statistical tools and methods for analysis.
Coding done using R, with a LaTeX write-up, dealing with over 75,000 matches.
Created an algorithm to place bets, with a comparison against many runs of random betting.

FIRST YEAR UNIVERSITY ASSIGNMENT: MATLAB Simulation & Algebra Coursework
GRADE: **90%** (First)
Designed a simulation in which a random number of balls are generated within plotted 'walls', moving at random and bouncing off the walls, with added features such as a trace behind the balls, 'gravity', energy (and loss of); and the use of symbolic algebra tools to differentiate, integrate, and plot functions using MATLAB.
The write-up was completed in LaTeX.
This was the first large coding project I undertook, and it taught me a lot about planning, writing and correcting code: skills I have used greatly since.

WORK EXPERIENCE

SOUTHPORT & AINSDALE GOLF CLUB—Clubhouse Waiting Staff.
2015—Present
Member of the waiting-on and bar staff at a two-time Ryder Cup host and regular championship venue, working on major club events, internal and external functions and day-to-day operations in the clubhouse and halfway house.
Skills used include financial handling (cashing up tills), time management (setting up function rooms in time), teamwork, dealing with stressful and busy times, and leadership (when running the pass).

HOBBIES & INTERESTS

CRICKET
Represented various different teams at multiple levels, as well as captaining multiple teams.
Elected Coventry University Cricket Club (CUCC) secretary (second year) and vice-president (third year)
Roles included organising events and arranging fixtures against other university sides; the successful running of *Covid Cricket*, a charity league throughout the Covid-19 lockdown, raising over £800; organising the club's *Movember* efforts; recruitment of first-year students throughout the Covid-19 pandemic; and the completion of a report into the club's social media use.

AIR TRAINING CORPS.
Member from 2013—2018, reaching the rank of Cadet Sergeant.
Earnt BTEC Aviation Studies and Bronze DofE; qualified as an Instructor Cadet; attended Junior and Senior NCO training camps (taught about leadership roles and responsibility), adventure sports camp, and annual camp on an active RAF station; ran unit's social media and website.