James Adams

I'm a driven and detail-oriented sports scientist and therapist, with an added passion for data science. With a background in therapy, biomechanics, statistical analysis and teaching, I'm looking to challenge myself while putting my skills to good use.

London, UK   james@jmablog.com   jmablog.com

 https://www.linkedin.com/in/jmablog   https://github.com/jmablog

Experience

Associate Lecturer   2022 - Present
London Metropolitan University

· Designing and delivering lectures and practical tutorials on statistics and research skills for first year undergraduates and Masters degree students

· Setting and assessment of coursework at undergraduate and Masters level

· Instituted and managed a course wide switch to modern statistical applications and their delivery to students

Teaching in Higher Education Work Placement (200 hours)   2020 - 2021
London Metropolitan University

· Delivering lectures, tutorials, and assessments in modules including statistics for sports science, biomechanics, sports therapy, and business studies

Chief of Operations and Senior Coach   2012 - 2017
Parkour Generations

· General management of the company and Chainstore Gym & Parkour Academy facility. Responsibilities included KPI tracking, oversight of financial records and budgeting, staff management, and liaising with local councils, schools, and national governing bodies for bookings

· As a coach, also regularly led training classes for participants of all ability levels, in both indoor and outdoor environments, using a high level of creativity and excellent communication skills to teach complex movements and techniques

Education

MRes Sport & Exercise Science (Distinction)   2020 - 2021
London Metropolitan University

BSc Sports Therapy (First Class Hons.)   2017 - 2020
London Metropolitan University

· Received Best Performance and Highest Degree Mark in Subject Group Award

Data Science Bootcamp   2021 - 2022
General Assembly

Professional Memberships

Associate Fellow (AFHEA)   2021 - Current
AdvanceHE

· Meeting the criteria of Descriptor 1 of the UK Professional Standards
  Framework for teaching and supporting learning in higher education

Member   2021 - Current
Society of Sports Therapists

Member   2017 - Current
BASES

Writing and Research

Journals

**Common Parkour Vault Techniques, Landing Styles, and Their Effects   2021
on Landing Forces**

Journal of Sports Sciences, doi: 10.1080/02640414.2021.1978748

· Abstract published in special edition of the Journal of Sports Sciences
  following poster presention at BASES Conference 2021 with full paper and
  dataset also published online

· Winner of the **Human Kinetics Poster Presentation Award** at BASES 2021
  Conference

Self-published

**Using the Expertise of Parkour Coaches to Understand Parkour   2021
Movement: The Kong Vault**

doi: 10.13140/RG.2.2.33633.02402

· Qualitative study using the empirical knowledge of experienced parkour
  coaches to construct a deterministic model of a parkour movement

Learning Statistics with Jamovi   2022

https://jmablog.github.io/jamovi-worksheets/

· Worksheets written to aid in learning statistics with Jamovi at
  undergraduate and Masters level, made available online and listed on the
  Jamovi community resources page

Volunteering

Codebar Python Coach

codebar.io

· Helping beginners learn Python through paired coaching and tutorials,
  remotely and in-person

Parkour Clinic

https://parkour.clinic

· Personal non-profit sports therapy project started to continue sports
  therapy work while studying at Masters level, and to give back to the
  parkour community

Skills

Education

· Experience delivering a broad scope of materials to an equally broad variety of audiences, from coaching physical parkour skills with a group of deaf teenagers to complex statistics formulas with Masters-level university students

· Committment to celebrating the diversity of learners and their journeys to education, and the importance of adapting the material and delivery to the learner

· Ability to teach remotely or in-person with the latest in educational technical tools and software

Sports therapy and biomechanics

· Experience delivering therapy and exercise sessions to an incredibly diverse range of patients, including professional athletes, emergency service members, and mentally and physically disabled children with an empathetic and patient-focused pedagogy of care

· In-depth knowledge of human anatomy, biomechanics, and sports injuries

Research and data science

· Detailed understanding of qualitative and quantitative research methodology with a deep appreciation for statistical thinking and the importance of evidence-based decision making

· Keen desire to contribute research to the greater scientific understanding of parkour in sport and exercise science

· Enthusiasm for effective, reproducible research, conveyed through concise narratives and compelling, beautiful visualisations

Technical

· Highly experienced with SPSS, Excel and Jamovi alongside programming in R and Python for statistical analysis

· Experienced with Blackboard Learn for module management

· Highly technically competent and comfortable with computing for general administrative and project management tasks, including Microsoft Office suite

References available on request