James Tripp

B0.03, Centre for Interdisciplinary Methodologies, University of Warwick

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Experience

2015 - present   **Academic Technologist**   University of Warwick
Coventry, West Midlands, UK

- Facilitate technical support via external groups. To date, includes the Centre for Scientific Computing at Warwick, the Turing institute, ITS and Central Academic Techology at the University of Warwick.
- Identify, learn and implement technology integral to teaching and research. Requires establishing goals within the affordances of technical solutions and delivering solutions in a timely, effective and sustainable manner.
- Lead the CIM academic technology team. Assisted and trained team members.
- Design and deliver workshops to MA and MSc students. Requires liasing with academic staff to achieve pedagogical goals including training students in empirical, analytic and technical methods. Dissertation support in particular can requires bespoke code solutions, guidance regarding research ethics and data security.
- Develop research software. Support researchers in achieving their research goals throughout the research cycle via designing and developings analysis, visualisation and data collection software for researchers and collaboraters.

2013 - 2016   **Post-doctoral Research Fellow**   University of Warwick
Coventry, West Midlands, UK

- Worked with Professor Neil Stewart and Dr Adam Sanborn
- Investigated how people combine information using web based experiments.
- Carried out cutting edge bayesian analysis to examine cognitive models.

Education

2013   **PhD Psychology**   University of Warwick
Coventry, West Midlands, UK

- Supervised by Professor Gordon D. A. Brown

2010   **BSc(Hons) Psychology**   University of Warwick
Coventry, West Midlands, UK

Software

1. Marres, N and J Tripp (Jan. 2019). *Lexicon-based Categorization and Analysis Tool*. https://doi.org/10.5281/zenodo.2654549.
2. McInerny, G and J Tripp (Feb. 2019). *Backfillz: Visual Diagnostics for MCMC*. https://doi.org/10.5281/zenodo.2654549.

Awards

2018   Co-Investigator Visual Diagnostics for Markov Chain Monte Carlo - BackFillz.R
Alan Turing Institute, Strategic Priorities Fund; Tools, Practice and Systems theme

Workshops

2018 - present   **IM931: Interdisciplinary Approaches to Machine Learning**

2017 - present   **IM921: Visualisation**

2016 - present   **IM904: Digital Objects, Digital Methods**

2016 - present   **IM902: Approaches to the Digital**

2016 - present   **IM906: Dissertation**

2016 - 2017   **IM920: Digital Sociology**

Relevent skills

- Programming: R, Python, C++, Javascript
- Databases: Postgres, MySQL
- Statistical experience: Non-linear modelling, frequentist and Bayesian analysis
- Linux administration: Ubuntu, CentOS

References

Available upon request