



Steve Wattam, Ph.D

Strategic R+D leader with diverse experience

Contact

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 Remote or on-site

Education

PhD

"Technological Advanced in Corpus Sampling Methodology", Lancaster

MRes

"Folksonomies as Document Summary Engines", Applied Statistics, Lancaster

BSc (Hons)

"Adapting Speculative Execution for High-level Distributed Processing", Computer Science Innovation, Lancaster

ILM Leadership & Management, lv.3

Skills

- AI/NLP Modelling
- Team Management
- Research Methods
- Statistics
- Interdisciplinary Teamwork
- Rapid Development:
 - Python
 - DS Stack
- Agile Development
- Scientific Computing

Introduction

Passionate and curious Interdisciplinary AI researcher and technical leader motivated by delivering real things out of impossible ideas. Drawing on a Ph.D. in research methods and approximately 35 publications across six fields.

My employment history has exposed me to a broad range of industries and academic fields, and a variety of statistical, numeric, and machine learning approaches. I have experience leading interdisciplinary teams in creating novel software solutions to problems in business and research, have academic publications and patents in a variety of fields. I have worked in various environments from small startups to large foreign enterprises.

Hire me if you want novelty, someone who can manage people smarter than himself, and a pragmatic approach to solving problems.

Employment History



Head of Behavioural Insight, Kraken (née Upside Energy)

2016-present

Contributed to company strategy & management in co-CTO role; led R+D efforts and internal innovation. Built & led a team of data scientists developing tools and algorithms to control a portfolio of various renewable energy assets. Techniques used include economic optimisation using mixed-integer-linear-programming, machine learning, time-series forecasting, and market analysis.

Director/Co-founder, W&P Academic Consultancy Ltd.

2016-2022

Managed and oversaw the implementation of numerous interdisciplinary projects focused on intelligence analysis and policymaking for government/security clients for purposes of antiterrorism and open-source intelligence gathering. Developed agent-based models for the COVID-19 pandemic to inform Luxembourg government response.

Lecturer (Digital Humanities), Lancaster University

2015-16

Continuation of research into methods for supporting linguists' understanding of text through visualisation and statistical analysis.

Previous Research Roles

2012-15

NLP toolchains for word sense disambiguation, historical thesaurus building, 'big data' web corpus collection, crowdsourcing, and linguistic analysis tools.

Academic Expertise

I have been involved with numerous academic projects, in capacity as PI, technical support, supervisor, or co-investigator. I am a named author on over 35 publications across six fields including computer science, computational linguistics, electrical engineering, cyber-security, epidemiology, and systematic review methods.

