

Dr. Phillip Smith

Profile

I am a Lecturer in the School of Computer Science at the University of Birmingham. My research focus is on the use of supervised machine learning algorithms for the computational analysis of sentiment and emotion in clinical texts.

Education

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| 2017 | PhD in Computer Science , University of Birmingham.
Thesis title: Sentiment analysis of patient feedback |
| 2009 | BSc in Computer Science , University of Birmingham.
Final grade: First class with honours. |

Experience

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| 2017-pres. | Lecturer (School of Computer Science, University of Birmingham)
I teach Artificial Intelligence, Operating Systems & Networks, Robot Programming and Professional Computing, as well as supervising several UG and PG project students. In the past I have taught Mobile and Ubiquitous Computing. In an administrative vicinity, I am the School's Careers Tutor. |
| 2014–2016 | Assistant Lecturer (Department of Engineering, Environment and Computing, Coventry University)
I taught Introduction to Programming, Introduction to Algorithms, Data and Information Retrieval, Computer Simulation and Ethics, and oversaw first year Activity Led Learning projects and second year Real World projects. I also supervised a number of final year BSc project and MSc project students. |
| 2014 | Researcher (Blue Vine Consultants, Birmingham)
I worked on a research project to investigate the potential uses of big data analysis in detecting and monitoring insurance fraud in the automotive industry. |
| 2011–2014 | Senior Teaching Associate (School of Computer Science, University of Birmingham)
I lectured on the MSc Fundamentals: Introduction to Computer Science module, and taught on the BSc Software System Components and Language & Logic modules. |
| 2009–2010 | Software Engineer (Rapide Communication, University of Warwick Science Park)
I was responsible for the front-end development of their sentiment analysis platform. |

Additional Qualifications

2016 | Associate Fellow of The Higher Education Academy

2010 | Sun Certified Java Programmer

Publications

Sarah S. Alduayj & Phillip Smith (2019) “Sentiment Classification and Prediction of Job Interview Performance”, in Proceedings of the 2nd International Conference on Computer Applications and Information Security (ICCAIS 2019). IEEE, pp. 1-6.

Phillip Smith & Mark Lee (2015) “Sentiment Classification via a Response Recalibration Framework”, in Proceedings of the 6th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis (WASSA), ACL, pp. 75-80.

Phillip Smith & Mark Lee (2014) “Acknowledging Discourse Function for Sentiment Analysis”, in Proceedings of the 15th Conference on Intelligent Text Processing and Computational Linguistics (CICLing), Lecture Notes in Computer Science, Springer, pp 45-53.

Phillip Smith & Mark Lee (2013) “Fine-Grained Sentiment Analysis in Microtext”, American Association for Artificial Intelligence (AAAI) Spring Symposium on Analyzing Microtext 2013, pp 80-86.

Phillip Smith & Mark Lee (2012) “Cross-discourse Development of Supervised Sentiment Analysis in the Clinical Domain”, in Proceedings of the 3rd Workshop on Computational Approaches to Subjectivity and Sentiment Analysis, Association for Computational Linguistics (ACL), pp 79-83.

Phillip Smith & Mark Lee (2012) “A CCG-Based Approach to Fine-Grained Sentiment Analysis”, in Proceedings of the 2nd Workshop on Sentiment Analysis where AI meets Psychology, International Conference on Computational Linguistics (COLING) 2012, pp 3-16.

Talks

Sentiment Analysis: Classification in Context, ACRC Seminar Series, Coventry University, 2015.

A Cross-Discourse Corpus for Sentiment Analysis, at the Evaluative Language and Corpus Linguistics Workshop, University of Lancaster, 2013.

Cross-Discourse Development of Supervised Sentiment Analysis, at 14th Annual Birmingham English Language Postgraduate Conference, University of Birmingham, 2012.