JENNIFER C. WHITE

Cambridge, UK

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EDUCATION

University of Cambridge   *October 2019 - Present*
MPhil Advanced Computer Science
Department of Computer Science and Technology
Cambridge Trust DeepMind Scholar
Projects:

- Investigating, evaluating and improving methods for End-to-End Natural Language Generation from a Meaning Representation;
- Using and evaluating a variety of machine learning methods for sentiment classification;
- Investigating and evaluating sentence parsers;
- Replication of recent papers on Machine Learning and Natural Language Processing.

University of Warwick   *September 2012 - July 2016*
MMathPhys Mathematics and Physics   Classification: 1st Class
Master's Project: Implemented a module in Macaulay2 (a Computer Algebra System) to generate Normal Toric Varieties with Picard number 3, based on an existing classification.

SKILLS

Programming Languages	Python, Java, C, C++
Packages	Tensorflow, PyTorch, Pandas, Numpy, SciKit-Learn
Parallel Computing	OpenMP and MPI with C
Languages	Good French (DELF B2, December 2016), Intermediate Japanese (JLPT N3, December 2018)
Other	LaTeX, Experience with Windows and multiple distributions of Linux

WORK EXPERIENCE

DSTL   September 2016 - September 2019
Software Engineer

Worked within an Agile framework, to research and implement possible uses for machine learning and data science in defence using C++, Python, Java and Matlab. Acted as technical partner to industry offering guidance, monitoring deliverables and building relationships. Evaluated industry bids for funding for technical projects and made recommendations for funding decisions.

Google   June 2014 - September 2014
Software Engineering Intern

Worked with the Text-to-Speech speech team on a 12 week project focusing on prosody of speech, using C++. Produced a prototype of an internal product for use in speech synthesis.

ACHIEVEMENTS

Awarded DSTL Thank You Award for taking on additional work at short notice in order to help team meet a deadline (2018)

Awarded Prize for Outstanding Academic Achievement at Fort Pitt Grammar School (2012)