

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

L^AT_EX, 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)