

RYAN CHAN

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EXPERIENCE

The Alan Turing Institute (Research Engineering Team) September 2022 - Present
Research Software Engineer

- The Alan Turing Institute is the national institute for data science and artificial intelligence
- Working within the Fundamental AI research area applying state-of-the-art and novel machine learning techniques emerging from the Institute
- I run the *Robots-in-Disguise* reading group which meets weekly to keep up to date with the advancements in fundamental AI research
- Collaborating with researchers and industry partners to develop and maintain high-quality, well-tested software for machine learning and artificial intelligence
- For information about the projects that I have contributed to, see rchan26.github.io

EDUCATION

The Alan Turing Institute / University of Warwick September 2018 - September 2022
PhD in Statistics

- Thesis: *Monte Carlo methods for combining sample approximations of distributions*; Examined by Professor Nicolas Chopin (ENSAE Paris) and Dr. Krzysztof Łatuszyński (Warwick)
- University of Warwick has one of the top statistics research groups in the UK. PhD in partnership with The Office of National Statistics (ONS) and The Alan Turing Institute
- Worked on Bayesian analysis for Big Data and developing Monte Carlo methodology for unifying distributed analysis with Prof. Gareth Roberts and Dr. Murray Pollock
- Published a paper titled *Divide-and-Conquer Fusion* at the Journal of Machine Learning Research

University of Leeds September 2014 - July 2018
MMath, BSc Mathematics - 1st Class Honours (87%)

- Awarded the Royal Statistical Society Prize (2018) for outstanding performance in statistics modules
- Three time recipient of the “Top 10 scholarship” awarded to the top 10 undergraduates each year at the University of Leeds (2015, 2016, 2017)
- Focused on Bayesian statistics, statistical computing & algorithms, stochastic processes, predictive modelling, deep learning

AWARDS AND SCHOLARSHIPS

- The Alan Turing Institute Doctoral Studentship (2018-2022)
- The Royal Statistical Society Prize (2018)
- Three time recipient of the “Top 10 scholarship” awarded to the top 10 undergraduates each year at the University of Leeds (2015, 2016, 2017)
- Two time recipient of the “Summer Vacation Bursary Scheme” to undertake a research project at the University of Leeds (2016, 2017)

References available on request