

ADAM C. JONES

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Education

University of Oxford

(DPhil) Mathematics of Random Systems CDT

- Supervisor: Blanka N. Horvath

Oxford, UK

Sept. '22–Sept. '26

University of Warwick

(MMath) Mathematics

- First class; specialised in ergodic theory and dynamical systems with a focus on stochastic analysis
- Dissertation: Non-Ergodic Limit Theorems
- Other essays: On Călugăreanu's Theorem; On Options Greeks

Coventry, UK

Sept. '18–July '22

Queen Elizabeth Sixth Form College

A-levels

- Qualified for the British Mathematical Olympiad

Darlington, UK

Sept. '16–July '18

Publications

Deep Neural Network Initialization with Sparsity Inducing Activations

ICLR 2024

With I. Price, N. Daultry Ball, S. C. H. Lam, J. Tanner

On Counting Cards and Learning Optimal Deviations from Blackjack Strategies

SIGBOVIK 2025

Solo author

Received the SIGBOVIK Spirit Award

Ambiguity-Averse Deep Hedging with Feature Clustering

(Preprint) 2025

With B. Horvath, C. Reisinger, B. Wood, L. Bai, A. Akkari

Experience

J.P. Morgan

Quantitative Researcher, PT

Canary Wharf, London, UK

Sept. '23–Sept. '26

- Collaborating on research also related to DPhil studies; please ask for further details.
- Achieved 4th place overall in a firm-wide systematic trading competition. Annualised Sharpe was 2.38 over two months live.

Next Bridge Advisors

Consultant, Remote

New York, USA

Jan. '23–Mar. '23

- Created a novel Bayesian-inspired model and efficient bespoke calibration algorithms for a mathematical problem related to business process automation. The project spun-off into Litefirm.

University of Oxford

Oxford, UK

Stipendiary Lecturer in Applied Mathematics

Academic year '23–'24

- Supervisions for students for Probability, Statistics, and Data Science at Lincoln College

Tutor/Teaching Assistant

Various dates

- A8 Probability; A9 Statistics; two sets of B8.3 Mathematical Modelling of Financial Derivatives

Advanced Mathematics Support Program (AMSP)

University of Warwick, Coventry, UK

MAT/STEP/TMUA Tutor

Summer '22

- Led problem solving classes and group activities; marked submissions with formative feedback; assisted with administration

University of Warwick

Coventry, UK

Graduate Teaching Assistant

Academic year '21–'22

- Assignment marking and feedback; weekly supervisions; academic and non-academic support for 15 (M)MORSE students

Awards

DPhil Funding

Sept. '22–Sept. '26

- Full scholarship from the EPSRC for the CDT in the Mathematics of Random Systems: Analysis, Modelling and Algorithms. J.P. Morgan began contributing to this funding from Sept. '23 when I officially started collaborating with them.

QuantMinds Peter Carr Memorial Award

Nov. '25

- Top-voted PhD Poster, 1st out of 13. Won with a share of 33% of the votes.

Personal Projects

Stochastic Analysis Study Groups

Summer '22 and Summer '23

- Garnered approx. 80 ('22) and over 200 ('23) students, researchers, and professionals interested in learning stochastic analysis online. Organised everything from study notes, curated exercises, support, and weekly meetings; very well received

Interactive Webpages

Ongoing/Whenever

- I have an interactive [Deep Hedging Bibliography Explorer](#), where you can view various deep hedging papers and authors, with a filter connecting papers by their keywords. I also have a [Poker Tournament Blind Scheduler](#), since I wanted something customisable and audible in my home games.

Misc

Languages: Python: I mostly use numpy, pandas, and tensorflow. I also play poker sometimes.