

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

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

ICLR 2024

Ambiguity-Averse Deep Hedging with Feature Clustering

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

(Under Review) 2025

Deep Hedging with Causal Transformers in Mixed Training Environments

With R. Saqur

(Under Review) 2026

Experience

J.P. Morgan

Quantitative Researcher, PT

- 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.

Canary Wharf, London, UK

Sept. '23–Sept. '26

Next Bridge Advisors

Consultant, Remote

- 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.

New York, USA

Jan. '23–Mar. '23

University of Oxford

Stipendiary Lecturer in Applied Mathematics

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

Oxford, UK

Academic year '23–'24

Tutor/Teaching Assistant

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

Various dates

Advanced Mathematics Support Program (AMSP)

MAT/STEP/TMUA Tutor

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

University of Warwick, Coventry, UK

Summer '22

University of Warwick

Graduate Teaching Assistant

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

Coventry, UK

Academic year '21–'22

Awards

DPhil Funding

- 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.

Sept. '22–Sept. '26

QuantMinds Peter Carr Memorial Award

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

Nov. '25

Personal Projects

Stochastic Analysis Study Groups

- 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

Summer '22 and Summer '23

Interactive Webpages

- 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.

Ongoing/Whenever

Misc

Shortlisted for the **G-Research PhD Prize 2026**. **Languages:** Python: I mostly use numpy, pandas, and tensorflow. I also enjoy poker. Published twice (and won two awards) in the satirical journal SIGBOVIK.