

# ADAM C. JONES

(Last edited: 3rd October 2023)

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## Education

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### University of Oxford

*(DPhil) Mathematics of Random Systems CDT*

Oxford, UK

Sept. '22–Sept. '26

- **Supervisor:** Blanka N. Horvath
- Full scholarship to study mathematical/quantitative finance and deep learning with a focus on distributionally robust optimisation

### University of Warwick

*(MMath) Mathematics*

Coventry, UK

Sept. '18–July '22

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

### Queen Elizabeth Sixth Form College

*A-levels*

Darlington, UK

Sept. '16–July '18

- A\*A\*A Further mathematics, mathematics, physics (resp.)
- Qualified for the British Mathematical Olympiad
- Fully self-studied a statistics module (S3), achieving 100%

## Experience

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### JPMorgan Chase

*Quantitative Researcher, PT*

Canary Wharf, London, UK

Sept. '23–Sept. '26

- Collaborating on research also related to DPhil studies

### 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

### University of Oxford

*Stipendiary Lecturer in Applied Mathematics*

Oxford, UK

Academic year '23–'24

- Supervisions for students taking A8 Probability, A9 Statistics, and prelims at Lincoln college

*Tutor*

Trinity term '22–'23

- For A8 Probability and A9 Statistics at Lincoln College

*Teaching Assistant*

Hilary term '22–'23

- For two sets of B8.3 Mathematical Modelling of Financial Derivatives

### Advanced Mathematics Support Program (AMSP)

*MAT/STEP/TMUA Tutor*

University of Warwick, Coventry, UK

Summer '22

- Prepared students soon to take university mathematics admissions tests (mainly for Cambridge, Imperial, Oxford and Warwick)
- Led problem solving classes and group activities; marked submissions with formative feedback; assisted with administration

### University of Warwick

*Graduate Teaching Assistant*

Coventry, UK

Academic year '21–'22

- Three groups of first year (M)MORSE students
- Assignment marking and feedback; weekly supervisions; academic and non-academic support

## Personal Projects

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### 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

## Technical Skills

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**Languages:** proficient in Python; decent at C++, Java, Power BI