

# Shyam A. Popat

Email: shyam.popat@queens.ox.ac.uk      Last Updated: June 8, 2022

## EDUCATION

---

- **DPhil candidate in Mathematics of Random Systems CDT      September 2021 - August 2025**  
**University of Oxford- Oxfordshire**
  - DPhil title: Fluctuations in SPDEs and Interacting Particle Systems, (supervisors: Dr Benjamin Fehrman, Prof. Ben Hambly).
  - Enjoyed studying advanced courses in Stochastic Analysis, Markov Processes, Singular SPDEs.
- **BSc MMORSE (Hons)- Statistics with Mathematics stream      October 2017 - July 2021**  
**University of Warwick- Coventry**
  - First class - 80% overall.
  - Statistics Masters Dissertation title: The expected signature of a random path: properties and applications (supervisor: Dr Anastasia Papavasiliou).

## UNIVERSITY TEACHING EXPERIENCE

---

- **Teaching Assistant, Tutor      January 2022- August 2025**  
**Mathematics Department- Oxford University**
  - Modules taught: M2- Analysis II - Continuity and Differentiability (2022, term 2). M5: Fourier Series and PDEs (2022, term 2). M2: Analysis III - Integration (2022, Term 3).
- **Graduate teaching assistant, Associate Tutor      October 2020 - July 2021**  
**Statistics department - University of Warwick**
  - Modules taught: ST116- Mathematical Techniques (2020, term 1). ST115- Introduction to Probability (2021, term 1 and summer). ST218- Mathematical Statistics part A (2021, summer).

## SELECTED WORK EXPERIENCE

---

- Research Internship at STOR-i CDT in Lancaster University. Title: Point Processes on Categorical Data, (supervisor: Jess Gillam) (2019, summer).
- University of Warwick Student Ambassador, promoted to Senior Ambassador (2017-2021).
- Chairman of the Warwick Statistics Student - Staff Liaison Committee (2018-19).
- ISO Support administrator for Wilmington plc. Aided the company get ISO credentials (2018, summer).
- Waiter at Sakonis Restaurant, Wembley. Led the shop floor and trained new employees (2017, summer).
- President for Krishna Consciousness Society & Treasurer for Women for Women International Society at Warwick University. (2018-19).

## PRIZES AND AWARDS

---

- £23,899- Scholarship for first year DPhil, covering tuition fees and maintenance (Oxford, 2021/22).
- £2,656 Warwick Statistics Senior Scholarship on the basis of academic merit (Warwick, 2019/20).
- £1000 Third Year Integrated Masters Prize for scoring 79.8% overall mark in third year (Warwick, 2019/20).
- £400 Academic Excellence Prize for scoring 82.2% overall mark in second year (Warwick, 2018/19).
- £400 Academic Excellence Prize for scoring 82.2% overall mark in first year (Warwick, 2017/18).