

# ALEXANDER JOSEF OBER

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## EDUCATION

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**Rice University, Houston, Texas**

*Summer 2020-Present*

- Finance PhD Candidate

**University of Oxford, Hertford College, Oxford, England**

*Fall 2016-Summer 2020*

- Master of Mathematics (MMath)
- Second, Third and Fourth Year Result: First Class Honours; First Year Result: Distinction
- “Dissertations on a Mathematical Topic” pursued in Fourth Year
  - Title: “Two Views of Brownian Motion and Applications to Stochastic Differential Equations”
  - Supervisor: Prof. Nick Trefethen

## RESEARCH

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### Working Papers

- *Dynamic Portfolio Construction in a Log-Linear Space* - with James Sefton
- *Cyclical Labor Market Search Effort and Portfolio Risk*
- *Human Capital and Reaching for Yield*

## AWARDS AND RECOGNITIONS

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**Institute of Mathematics and its Applications**  
**University of Oxford**  
**Hertford College, University of Oxford**  
**Hertford College, University of Oxford**

Associate Member (2020-2021)  
Part C IMA Prize (2020)  
Hertford Mathematics Prize (2020)  
Scholarship for Exceptional Performance in:

- Mathematics (2020)
- The Final Honour School of Mathematics (2019)
- Part A Mathematics (2018)
- Prelims Mathematics (2017)

## SKILLS

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### Programming Languages

Significant experience with MATLAB, L<sup>A</sup>T<sub>E</sub>X  
Some experience with Java, Python, R, Wolfram Mathematica

### Languages

Native English speaker, competent in French

### Instruments

Played piano for ~ 16 years

### Sports

Hertford College Boat Club (Fall 2019-Spring 2020)  
Oxford University Table Tennis Club (Fall 2016-Fall 2018)