

# PENELOPE JONES

Gonville and Caius College, Trinity Street, Cambridge, CB2 1TA

## EDUCATION

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**Gonville and Caius College, University of Cambridge**

*2019 - Present*

PH.D. PHYSICS

Supervisor: Dr Alpha Lee

Areas of Study: Machine learning, Bayesian inference, reinforcement learning, and their application in drug discovery and smart charging of energy storage devices.

**Pembroke College, University of Cambridge**

*2015 - 2019*

M.SCI. EXPERIMENTAL AND THEORETICAL PHYSICS

B.A. NATURAL SCIENCES

Part III: Class I

77.6%

Part II: Class I

79.3%

Part IB: Class I

81.0%

Part IA: Class I

83.6%

## ACADEMIC AWARDS AND PUBLICATIONS

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**ICLR Workshop on Fundamental Science in the Era of AI**

*2020*

**Oppenheimer Scholarship**

*2019 - Present*

**Winton Scholarship**

*2019 - Present*

**Foundation Scholarship, Pembroke College**

*2017, 2018, 2019*

For performance in the Natural Sciences Tripos.

**BP Prize**

*2016*

For outstanding performance in Part IA Chemistry (2<sup>nd</sup> out of 600 students).

**Dr Stevens Prize**

*2016*

For performance in Part IA Natural Sciences (7<sup>th</sup> out of 600 students).

**College Scholarship, Pembroke College**

*2016*

For performance in Part IA Natural Sciences.

**British Chemistry Olympiad**

*2015*

Top 50 in the UK.

**British Physics Olympiad Experimental Prize**

*2014*

For producing the best A-level project in the UK.

## EXPERIENCE

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**University of Cambridge**

*2019 - 2020*

*Undergraduate Supervisor in Mathematics*

**JP Morgan Cazenove**

*2017*

*Investment Banking Summer Analyst*

**The Cambridge Union**

*2016 - 2018*

*Treasurer*