

Rishi Kalra

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ABOUT ME

I am a physics student with a keen interest in technology, finance and solving complex problems. Currently, I am hoping to explore these fields via internships and insight programmes.

SKILLS

- Analytical Skills
- Teamwork
- Microsoft Office

EDUCATION

University College London London
Physics Bsc 2020 - 2023

- Artificial Intelligence Society (First-Year Rep)

St Dominic's Sixth Form College London
*Economics , Physics, Maths - A*AA* 2018 - 2020

- Probabilities Club, Politics Society

EXPERIENCE

UCL Artificial Intelligence Society London
First Year Rep September 2020 - Present

- Assisted Events team in preparation and promotion of events
- Assisted Tutorials team in the logistics of tutorials e.g. answering member's questions on the content.

in2ScienceUK & UCL Physics London
Placement June 2019

- Used artificial neural networks to separate signals for the Higgs Boson from background noise by changing epochs, batch size etc with guidance from ATLAS project researchers.
- Achieved the highest sensitivity (signal to background ratio) in my group.
- Presented a brief scientific report on the experimental results to peers and researchers.

St Joseph's Pastoral Centre London
Volunteer May 2019

- Assisted staff with organisation of activities for the residents in the institution.
- Planned and prepared meals with other volunteers as a team whilst accommodating a strict budget and considering time constraints.

CERTIFICATIONS

- Kaggle - Python
- Deeplearning.ai - Neural Networks & Deep Learning

AWARDS

- Gold Crest Award ("Using Artificial Neural Networks To Detect Signals For The Higgs Boson")