

Nahzaan Riyaz

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Current position

2021 - *Doctoral Research Student* in Physics
Supervised by Prof. Daniel Litim

AREA(S) OF SPECIALISATION

Quantum Field Theory (QFT) [Theoretical Physics]; Fixed points, functional renormalisation group, non-perturbative effects.

Research experience

2021 *PDF Factorizations From An EFT Perspective*
Supervised by Prof. Luigi Del Debbio (University of Edinburgh)
Short term research project

2020 *A Composite Higgs Doublet from the CCWZ Approach*
Supervised by Prof. Luigi Del Debbio (University of Edinburgh)
Dissertation in Theoretical Physics

2019 *Gravitational Waves from Non-Axisymmetric Neutron Stars*
Supervised by Prof. Mairi Sakellariadou (King's College London)
Third year project

2018 *CMB Perturbation Theory*
Supervised by Prof. Malcolm Fairbairn and Dr. Diego Blas (King's College London)
Supported by the King's Undergraduate Research Fellowship (KURF)

Education

2021 - DPHIL in Physics, University of Sussex
2019 - 2020 MSc in Theoretical Physics, University of Edinburgh
2016 - 2019 BSc in Physics with Theoretical Physics, King's College London
2013 - 2015 A LEVEL in Physics, Maths, Chemistry etc. Centre for Higher Secondary Education (CHSE)

Awards & honours

2018

King's Undergraduate Research Fellowship (KURF) - King's College London