

Julia Bieniewska

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EDUCATION

Imperial College London

London, UK

PhD student in the Centre for Cold Matter

Expected January 2021

Thesis: " Buffer Gas Source of Cold, Complex Molecules for a Parity Violation Measurement "

Imperial College London

London, UK

MRes in Controlled Quantum Dynamics Centre for Doctoral Training (Distinction)

October 2016 - September 2017

Achievements: Chaired organisation of a week-long summer school for 70 participants; 1st prize for an idea pitch in Quantum Technologies Innovation Programme

King's College London

London, UK

BSc (Hons) Physics with Theoretical Physics (1st class)

2013 - 2016

Awards: Fellowship of the King's College London Research Placement (2015); Women in Science Scholarship (2013)

PROGRAMMING SKILLS

- **Main languages:** Mathematica, Python (Libraries include pandas, numpy, matplotlib, seaborn, re, scikit-learn, basic keras)
- **Some experience with:** SQL, Tableau (Data Scientist badge from Tableau eLearning), Matlab, AutoCAD Inventor

PROFESSIONAL EXPERIENCE

Imperial College London

PhD student, Undergraduate Teaching

2017 - 2020

Laundry Republic

London UK

Shift Leader

2013 - 2016

- Led a team of 20 people. Assigned tasks to team members and monitored quality and timeliness of work

SOFT SKILLS

- **Team Work:**
 - In my PhD collaborate with multidisciplinary and international research groups; Organised and participated in online and face-to-face meetings, and written summaries of progress
 - Good at negotiation and reaching compromise when working in a bigger research group, like arranging sharing of the resources and access to facilities
- **Communication:**
 - Good at communicating to a technical audience: presented talks at group meetings and seminars, International Symposium on Molecular Spectroscopy in USA and Quantum States of Molecules Workshop in London
 - Good at communicating ideas to wider public, performed outreach at Imperial College Lates and Imperial College Festival, and given Introduction to Research seminars to undergraduates ; Awarded prize for PhD project pitch aimed at a non-specialist audience at the Industry xChange Retreat in Manchester (2018)
- **Personal effectiveness:**
 - Skilled at time management, developed when balancing academic work with extracurricular research in King's College Photonics research group and part-time job
 - I am interested in new technology developments, I volunteered in a Quantum Industry Day and a Quantum Technologies Showcase in London