Cell: +65 9750 8205 russell.yang@chch.ox.ac.uk Christ Church, St Aldate's Oxford OX1 1DP

Russell Yang Qi Xun Physics Researcher, Project Manager & Public Speaker

Profile	Citizenship Languages	Singaporean English, Mandarin,
	NUS High School 2013 - 2018	High Distinction, Overall GPA/CAP – 4.5/5.0 Honours in Physics, Major in Mathematics & Chemistry.
Education	Oxford University (Prospective) Class of 2025	MPhys, Master's in Physics Christ Church College
	Research Intern @A*STAR Mar 2017 – Apr 2018	Achieved breakthroughs in the field of Condensed Matter Physics. Reduced costs of experiments performed in the 2016 Nobel Prize by 10000 times.
Work History	Research Program Manager @NUS High School Nov 2018 - Mar 2019	Trained students to be proficient in mathematical modelling, coding, experimental setup construction and public speaking spanning across 12 separate research projects.
	Nov 2020 – Mar 2021	Implemented team selection, project management systems & training program for future batches of research students.
	Ammo Tech @Singapore Armed Forces Apr 2019 – Dec 2020	Received competency training in handling & maintaining high explosives for military use.
	Research Assistant @National	Conducted Condensed Matter Research specifically into Non- Hermitian Hamiltonians and systems with energy dissipation
	University of Singapore Jan 2021 – Present	Working towards multiple publications with global Condensed Matter Physics experts

The Lee Kuan Yew Award For Mathematics & Science WSPC-ICAAS Most Outstanding JC Science Student Award (Sole wir Intel International Science & Engineering Fair, Third Award in Phys International Young Physicists Tournament, Champion + Gold Awa Singapore Science & Engineering Fair, Gold (Top 6 Projects) A*STAR Young Researcher Award Singapore Physics Olympiad, Silver Award Singapore Young Physicist Tournament, Team Captain + Silver Award Dongrun-Yau Science Awards, Semi-finalist Singapore Young Physicist Tournament, Gold Award	rsics ard
Awards & Grants Intel International Science & Engineering Fair, Third Award in Physicists Tournament, Champion + Gold Awards & Engineering Fair, Gold (Top 6 Projects) A*STAR Young Researcher Award Singapore Physics Olympiad, Silver Award Singapore Young Physicist Tournament, Team Captain + Silver Award Dongrun-Yau Science Awards, Semi-finalist Singapore Young Physicist Tournament, Gold Award	rsics ard
Awards & Grants 2018 International Young Physicists Tournament, Champion + Gold Awa 2018 Singapore Science & Engineering Fair, Gold (Top 6 Projects) 2018 A*STAR Young Researcher Award 2018 Singapore Physics Olympiad, Silver Award 2018 Singapore Young Physicist Tournament, Team Captain + Silver Award 2018 Dongrun-Yau Science Awards, Semi-finalist 2017 Singapore Young Physicist Tournament, Gold Award	ard
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2018 Dongrun-Yau Science Awards, Semi-finalist 2017 Singapore Young Physicist Tournament, Gold Award	
2018 Dongrun-Yau Science Awards, Semi-finalist 2017 Singapore Young Physicist Tournament, Gold Award	aru
2017 Singapore Junior Physics Olympiad, Silver Award	
2016 Singapore Young Physicist Tournament, Silver Award	
2016 Singapore Junior Physics Olympiad, Bronze Award	
2015 Edusave Scholarship for Integrated Programme Schools (ESIP)	
Invited 2018 Nobel Prize Ceremony & Presentation, Invited Attendee & Country	Representative
Conferences 2018 Stockholm International Youth Science Seminar	
2010 Sustamable Development Touth Convention 3DTG (Dest 1 osition 1 a	aper)
& 2018 Cultural Exchange Programme with Beijing No 4 High School	
Attachments 2016 Beihang University Aeronautical Engineering Academic Attachmen	ıt Programme
2017 Topological Analysis of Circuit Laplacians & Experimental Verificat	tion of
Su-Schrieffer-Heeger Topoelectrical Circuit	
2018 A Detailed Analysis into the Chain that Falls Faster than Gravity	
Research 2018 On the Recursive Amplification of Friction between Interleaved Boo	oks
Projects Non-Invasive Determination of the Extent of Thermally Induced Projects Denotypation in Eggs	otein
Denaturation in Eggs	
2018 Free Surface Analysis of Stagnation Points in Thin Film Rimming Fl	low Inside of a
Horizontally Rotating Cylinder	
2018 Dynamical Analysis of the Electro-Thermodynamic Curie Point Eng	gine .
2020 Toucheries Circuits A Stonning Stone in the Toucheries Developin	
2020 Topological Circuits - A Stepping Stone in the Topological Revolution 2022 Designing nonhermitian real spectra through electrostatics	JII
Publications Designing nonner initial real spectra through electrostatics	
2019 Certificate in Generic Manufacturing Skills (WSQ - SSG Verified)	
Competency Standards:	
Applying Quality Systems	
Applying Teamwork in the Workplace	
Professional Performing Stock Control Operations	
Qualifications Performing Warehouse Operations	
Performing 5S Techniques	
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