BORIS LI

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EDUCATION

Sep 2020 –	**University of British Columbia**, Vancouver, BC
	· Third year Bachelor of Science, Combined Honours in Physics and Mathematics
	· Sessional average of 87.4% in the previous term
	· Sessional average of 93.1% in 2nd year (Science Scholar/Dean's Honour List)
	· Science One, class of 2021

WORK EXPERIENCE

Sep 2022 – Sep 2021 – Apr 2022	**Undergraduate Teaching Assistant**, Science One, UBC · 2 years for Physics and Mathematics portions of the course · Includes holding office hours, leading tutorials, and grading homework/exams
Sep 2022 – Sep 2021 – Apr 2022	**Undergraduate Teaching Assistant**, Department of Computer Science, UBC · 4 terms for CPSC 110 – Computation, Programs, and Programming · Includes holding office hours, leading labs, and grading exams
May – Aug 2022	**Undergraduate Research Assistant**, Department of Physics and Astronomy, UBC · Studied the dipole anisotropy of quasar distributions from WISE data under the supervision of Dr. Douglas Scott · Utilized astronomy-related Python packages, such as Astropy, Healpy, and PolSpice
May – Aug 2021	**Undergraduate Academic Assistant**, Department of Mathematics, UBC · Wrote and designed questions for PrairieLearn, an online homework platform, based on the CLP textbooks · Designed an element that allows the input and grading of numbers with units using Python

PAST PROJECTS

2021	*The Efficiency of the Rubik's Cube: A Numerical Analysis of Rubik's Cube Speed-Solving Methods, with a Focus on CFOP & Roux*
2020	*The Century Old Problem: A Brief Overview of the Poincaré Conjecture and Perelman's Solution*

AWARDS & CONTESTS

2022	**Trek Excellence Scholarship for Continuing Students**, University of British Columbia
	Stanley M Grant Scholarship in Mathematics, University of British Columbia
	Charles and Jane Banks Scholarship, University of British Columbia
2021	**Charles and Jane Banks Scholarship**, University of British Columbia
2020	**American Mathematics Competition 12**, Mathematical Association of America
2019	**American Mathematics Competition 12**, Mathematical Association of America
	Fermat Contest, University of Waterloo CEMC
	· Distinction
	Canadian Computing Competition (Junior Level), University of Waterloo CEMC
	Avogadro Exam, University of Waterloo Department of Chemistry
	· Distinction, 94th Percentile
2018	**Canadian Open Mathematics Challenge**, Canadian Mathematical Society
	· Performance with Distinction
	Canadian Senior Mathematics Contest, University of Waterloo CEMC
	· Distinction
	Cayley Contest, University of Waterloo CEMC
	· Distinction

SKILLS

Programming Languages: Proficient in Python & Java; Some experience in C

Languages: Fluent in English & Cantonese; Proficient in Mandarin