TING CHEUNG (STEVEN) TUNG

Born in Hong Kong, Citizenship: US

sttctung@gmail.com

EDUCATION

Rutgers University, New Brunswick *2022-2026*

Major in Mathematics and Physics

Cumulative GPA: 3.576

Dean's List

Buddhist Sin Tak College *2016-2022*

Hong Kong Diploma of Secondary Education

Electives/Focus: Physics, Mathematics(Algebra and Calculus), Chemistry

RELAVANT CLASSES

Analysis

Real and Complex Analysis, Complex Integration, Conformal Mapping, Applications in Number Theory

Algebra

Group and Ring, Normal Subgroup and Group Actions, Polynomial Rings, Modules

Partial Differential Equations

Heat and Wave Equations, Boundary-value Problems, Fourier Series

Mathematical Theory of General Relativity

Differential Geometry, Einstein's Equation, Well-posedness, Symmetry Reduction

RELEVANT EXPERIENCE

Polymath 2024 summer ReU May 2024 - August 2024

· Summer research program for undergraduate

· Non-local Models, Complex and Functional Analysis

Reading Course in Partial Differential Equation January 2024 -
Ongoing

· Independent Reading Course

· Elliptic PDE, Free Boundaries Problem, Optimization of Eigenvalues

Math Grader September 2023 -
Rutgers Department in Mathematics

· Work 8 hours per week. Grade homework in 2 linear algebra classes

Summer Educator July 2022 - August 2022
Evergreen Way Education *Hong Kong*

· Work 3-4 days per week. Help elementary school students with their homework (Mainly focus on Math and Science)

OTHERS

Languages   English, Chinese (Mandarian, Cantonese)

Coding Languages   Python, Java, Mathematica, MatLab, LATEX