

Nathan Cantafio

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WORK EXPERIENCE

Teaching Assistant, STAT 305	Sep 2025 - Dec 2025
– University of British Columbia	
Undergraduate Summer Research Assistantship	May 2025 - Aug 2025
– University of British Columbia, under Prof. Geoff Pleiss	
External Support Specialist Co-op	Sep 2023 - Aug 2024
– Chartered Professional Accountants of British Columbia	
Quick Service Attendant	Sep 2021 - Aug 2022
– Canucks Sports and Entertainment	

PROJECTS

Pokémon Team Building as an Optimization Problem	Link to Repo
Based on a STAT 535C class project where I applied various optimization techniques to the combinatorial black-box function evaluating Pokémon team strength	
Pandemic Simulation Experiment	Link to Repo
A STAT 404 class project where my partner and I simulated the evolution of a pandemic under different conditions to determine which policies are most effective at preventing disease spread	

EDUCATION

M.Sc. Statistics	UBC	2025–present
B.Sc. Combined Honours, Mathematics and Statistics	UBC	2020–2025

AWARDS

Constance van Eeden Scholar Award	UBC	2025
NSERC Undergraduate Student Research Award (USRA)	UBC	2025