

# Nathan Cantafio

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## WORK EXPERIENCE

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### 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

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### 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

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### M.Sc. Statistics

UBC

2025–present

### B.Sc. Combined Honours, Mathematics and Statistics

UBC

2020–2025

## AWARDS

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### Constance van Eeden Scholar Award

UBC

2025

### NSERC Undergraduate Student Research Award (USRA)

UBC

2025