

Alexander (Thê) Quach

he/they · BSc Statistics & Economics, Minor in Data Science · UBC 2026

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EDUCATION

BSc Combined Major in Statistics & Economics

Sep 2021 - May 2026

[University of British Columbia](#)

Minor in Data Science · GPA 79.8% · Dean's List 2021–22

EXPERIENCE

Civilian Instructor – Supply Officer · Richmond, BC

Aug 2025 - Present

[Canadian Armed Forces \(COATS\)](#)

- Oversee procurement, inventory management, and distribution of uniforms and equipment for 195 RCSCC Bicknell
- Develop instructional materials and train personnel on supply procedures and organizational standards
- Serve as a SCOP 1 Certified Instructor — lead nautical training and certify cadets for their PCOC
- Responsible for end-to-end planning of unit events, ensuring alignment with training mandates and safety protocols

Investor Relations Assistant · Vancouver, BC

Sep 2024 - Apr 2025

[Solaires Entreprises Inc.](#)

- Supported fundraising by conducting research and generating documentation prior to investor meetings
- Identified, applied, and coordinated participation in pitch events
- Built connections within the climate venture capital and sustainable energy community
- Created pitch deck presentations and managed company documents for the Data Room

Business Operations Analyst · Singapore

Jun - Aug 2024

[Invartis Consulting](#)

- Built a skill-expertise matrix to evaluate potential hires and identify team strengths and gaps
- Evaluated three RFP software platforms and recommended the best fit for Invartis
- Designed a data model in preparation for an asset market analysis
- Researched asset managers and owners to improve the quality of client pitches

VOLUNTEER & EXTRACURRICULAR

VP Finance · Vancouver, BC

May 2025 - Present

[AMS Dance Horizons](#)

- Managed the treasury and financial sustainability for a prominent UBC student organization, overseeing budgeting and expense tracking.

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Finance – Outreach, Sponsorships & Grants · Vancouver, BC

Sep 2024 - Present

[UBC Rapid Engineering Design Team](#)

- Wrote grant applications, connected with potential sponsors, and refined the team's sponsorship package

Math Tutor · Vancouver, BC

Sep - Dec 2023

[CUBS Vancouver](#)

- Prepared and taught weekly math lessons to youth in Vancouver's DTES neighbourhood

Senior Cadet · Edmonton, AB

Sep 2016 - Jul 2021

[Royal Canadian Sea Cadet Corps 27 Warrior](#)

- Led training drills and organized parade nights for 70+ cadets; taught weekly nautical lessons

SELECTED PROJECTS

UBI Analysis ·

2026

thequach.github.io/projects/ubi-analysis

- Empirical analysis of Universal Basic Income — distributional effects, policy tradeoffs, and regression analysis

Eye Disease Classification ·

2023-24

github.com/thequach/eye-disease-classification

- Binary CNN classifier in PyTorch to identify diseased eyes; hyperparameter optimization and transfer learning

Income Prediction & Sleep Efficiency ·

2023

github.com/thequach

- Logistic regression for income prediction; linear modelling for sleep quality factors (STAT 306 & 301)

SmartMuse Music Library ·

2023

github.com/thequach/SmartMuseMusicLibraryProject

- Java OOP application with GUI, JSON data persistence, and JUnit test coverage (CPSC 210)

S K I L L S

Languages: Python, R, SQL, Julia, Java, C++

Methods: Econometrics, Statistical Inference, Regression & GLMs, Machine Learning, A/B Testing, Bayesian Methods

Libraries: pandas, numpy, scikit-learn, PyTorch, tidyverse, ggplot2

Tools: Git, Jupyter, RStudio, VS Code, Excel, LaTeX

Domain: Financial Analysis, Data Visualization, Cost-Benefit Analysis

A W A R D S & C E R T I F I C A T I O N S

Asset Management Level 3 · Intuition KHX · Aug 2024

Feeding 9 Billion Case Competition — 3rd Place · UBC LFSUS · Nov 2024

Be There Certificate, Learn Python (Udemy), SQL Foundations (freeCodeCamp)