

CHUC AN TRINH (AN)

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Motivated undergraduate student with foundational experience in full-stack web development and programming. Strong attention to detail, time management skill and problem-solving ability, with a passion for applying technology to solve real-world problems.

EDUCATION

University of British Columbia

Vancouver, BC

Bachelor of Science (BSc)

Expected graduation: May 2028

Majors: Data Science

Honors and Awards:

- Dean's List for 2 semesters
- Awarded the Outstanding International Student Award (2024)

PROJECT EXPERIENCE

Photobooth Web Application (Python, HTML, CSS, JavaScript)

2025

Personal Project

- A full-stack web-based photobooth application allowing users to capture photos, customize filters and frames, and download personalized photobooth strips
- Utilized Python and Flask for backend development, Pillow for image processing, and HTML, CSS and JavaScript for a responsive frontend

Predicting Monthly Minecraft Playtime with Player Experience (R)

2024

Group Project – Data Analyst

- An R-based data science pipeline in Jupyter Notebook that uses KNN regression to predict monthly playtime from player's experience
- Conducted data wrangling, visualization, and exploratory analysis to guide targeted recruitment for an AI training dataset of 10,000+ gameplay hours

Sales Management Application (Java)

2025

Personal Project

- A Java GUI application for small businesses to keep track of their store's sales and inventory, with JSON-based data persistence
- Allows user to enter products' information into an inventory and keep track of customers' purchases to a record

LEADERSHIP EXPERIENCE

English Performance (Musical Performance)

Hanoi, Vietnam

General Director

2022 - 2023

- Mobilized and managed a fund of \$12,000 to organize the annual musical
- Led a team of 90 people, including onstage performers and offstage members from the Finance, PR and media departments

HONORS & AWARDS

International Youth Math Challenge

2022

Bronze Prize

- Achieved top 20% ranking in a global mathematics competition involving problem-solving in algebra, geometry, and number theory, demonstrating strong analytical and creative reasoning skills

Canadian Senior Mathematics Contest

2022

Top 25% finalist

- Ranked in the top quartile nationwide in a rigorous two-hour problem-solving competition, demonstrating advanced proficiency in algebra, geometry, and mathematical reasoning
- Awarded the Certificate of Distinction from the University of Waterloo

SKILL

- **Technical Languages** (ordered by proficiency): Java, HTML, CSS, JavaScript, Python, C++, R
- **Tools, Libraries and Frameworks:** Flask, React, Tailwind, Pillow, Git, GitHub, Jupyter Notebook
- **Spoken Languages:** English, Vietnamese, Mandarin