

# 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**

*Bachelor of Science (BSc)*

**Majors:** Computer Science

**Honors and Awards:**

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

**Related Coursework:** Software Construction, Data Structures and Algorithms, Statistical Inference, Discrete Math

## 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

**Guess the Celebrity Discord Bot** (Python)

2025

*Personal Project*

- Developed an interactive multiplayer Discord game using Pycord where users guess celebrities from cropped images of their features
- Implemented real-time answer checking and scoring leaderboard for server's members

**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

## SKILL

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