# Connor Young

• conryoung4@gmail.com • linkedin.com/in/conryoung • github.com/youngconnorr • youngconnor.com

## Education

**University of British Columbia** Expected Graduation Apr 2026
*Major in Computer Science B.A* *Vancouver, BC*

## Skills

**Languages**: Python, Java, JavaScript, TypeScript, Elixir, C/C++, SQL (PostgreSQL), Assembly, HTML/CSS
**Frameworks/Libraries**: React, React Native, PostgreSQL, Phoenix, Django, pandas, PyTest, JUnit, flask, Node.js
**Developer Tools**: Git, Figma, VSCode, Apache Superset, GitHub Actions, Docker, Version Control, pgAdmin 4

## Experience

**Software Developer** Sept 2024 – Present
*University of British Columbia – Part-time* *Vancouver, BC*

- Developed software for 2,500+ students and 20+ professors, creating solutions to streamline course organization
- Utilized Python, PostgreSQL, and Apache Superset to create an ETL pipeline for a scheduling dashboard with 150+ classes for real-time insights to optimize scheduling efficiency and automated data transfers using scripts
- Built interactive learning tools for a course of 200+ students using JavaScript and a SCORM API, including a quiz-integrated crossword puzzle
- Collaborated with professors to develop custom quiz software, organize faculty data, and provide IT support

**AP Computer Science Tutor** Apr 2024 – Jan 2025
*BeWise Education* *Remote*

- Tutored advanced placement (AP) students in object-oriented programming (OOP) and Java
- Designed and implemented custom lesson plans tailored to student needs, enhancing understanding of complex programming concepts and problem-solving efficiency by 30%
- Leveraged visual aids and diagrams to simplify abstract programming concepts, improving comprehension by 30%
- Enhanced student performance by 20% using progress tracking, targeted feedback, and fostering critical thinking

## Technical Projects

**Moodify** | *React Native, Expo, Spotify API, OpenAI API* Jan 2025

- Built an app that curates Spotify playlists by analyzing mood, photos, weather, and time for a unique experience
- Leveraged OpenAI and Spotify APIs to analyze liked songs and curate unique playlists based on user input
- Engineered a React Native UI with Expo to render different components and visuals based on user input
- Led a team at NwHacks 2025 to pivot from failure to a working app in 12 hours while all learning new frameworks

**Advizr** | *React, Python, flask, cohere API* Sept 2024

- Created an academic advisor with React and Python to assist students in course planning for 200+ universities
- Developed Retrieval-Augmented Generation (RAG) model on class data using the Cohere API, Python, and flask
- Reduced the AI response time by 530% using cohere APIs re-rank function achieving a 1.5s response
- Collaborated with three teammates to develop and pitch ideas, and learn frameworks in Hack the North 2024

**StockScout** | *Python, pandas, PyTest, PySimpleGui, matplotlib, YFinance API* Jul 2024

- Designed an object-oriented Python app to monitor stock market data and improve investment decisions
- Analyzed 700+ stocks using pandas, Yahoo Finance API, and matplotlib for real-time price visualization
- Implemented CI/CD pipelines with GitHub Actions, following an agile software development life cycle
- Utilized PyTest to create unit tests, achieving 98% code coverage, and ensuring robust and coherent code

**PathFinder** | *React, Django, OpenAI API* May 2024

- Developed an itinerary planning React web app utilizing OpenAI API generating travel plans for 4000+ cities
- Engineered a SQLite database with a RESTful API using Django for data storage and CRUD functionality
- Streamlined an algorithm sorting AI-generated output into JSON for 90% faster parsing, storage, and retrieval

## Volunteer

**Hackathon Mentor – nwPlus UBC** Oct 2024

- Mentored at a 200+ participant 24-hour hackathon, debugging API calls, React, and version control
- Advised on project ideation and technical execution, contributing to multiple teams achieving finalist recognition
- Collaborated with over 50 mentors to ensure seamless event operations and a supportive environment for hackers