

# Connor Young

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

## EDUCATION

**University of British Columbia**  
*Major in Computer Science B.A*

Expected Graduation Apr 2026  
*Vancouver, BC*

## EXPERIENCE

### Software Engineer Intern

*UBC Learning Center*

May 2025 – August 2025

*Vancouver, BC*

### Software Engineer

*UBC Learning Center – Part-time*

Sept 2024 – Present

*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
- Spearheaded the design of a data scraping script using Python and BeautifulSoup to organize 180+ class requirements for 12 majors reducing manual labor
- Combined JavaScript and the SCORM API to build learning tools such as a quiz-integrated crossword puzzles into Canvas for courses of 200+ students
- Collaborated with professors to develop custom quiz software, organize faculty data, and provide IT support

## 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

## VOLUNTEERING

### Hackathon Mentor – nwHacks 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

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, TypeScript, C/C++, SQL, HTML/CSS

**Frameworks/Libraries:** React, React Native, PostgreSQL, Django, pandas, PyTest, JUnit, flask, Node.js

**Developer Tools:** Git, PostgreSQL, Apache Superset, GitHub Actions, Figma