Connor Young

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

EDUCATION

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

EXPERIENCE

Software Engineer   Sept 2024 – Present
UBC Learning Center – Part-time   *Vancouver, BC*
- Developed software for 2,500+ students and 20+ professors, creating solutions to streamline course organization
- Created a full-stack application with Django, PostgreSQL, JavaScript, displaying a scheduling dashboard with 150+ classes for real-time insights to optimize scheduling efficiency and automated data transfers using scripts
- Spearheaded the development of a data scraping script using Python and Beautiful Soup 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 puzzle into Canvas for courses of 200+ students
- Collaborated with professors to develop custom quiz software, organize faculty data, and provide IT support

Computer Science Tutor   Apr 2024 – Mar 2025
BeWise Education   *Remote*
- Tutored advanced placement (AP) students in object-oriented programming (OOP) and Java
- Designed custom lesson plans tailored to student needs, for understanding complex concepts
- Leveraged visual aids and diagrams to simplify abstract programming concepts, improving comprehension by 30%

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

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 | nwPlus   Nov 2024
- Mentored at a 200+ participant at the HackCamp 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 20 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, GraphQL, Django, pandas, Node.js
Developer Tools: Git, PostgreSQL, Apache Superset, GitHub Actions, Figma, Version Control