



Connor Young

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EDUCATION

University of British Columbia

Major in Computer Science B.A

Expected Graduation May 2026

Vancouver, BC

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, Version Control, Apache Superset, GitHub Actions, Figma

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
- Utilizing Django, PostgreSQL, and JavaScript, created a full-stack scheduling dashboard to display 150+ classes, identify time conflicts, and ensure long-term data integrity through structured Django models
- Spearheaded the development of a Python script to parse and structure 180+ course requirements across 12 majors, exporting the data into a clean Excel format used by 20+ faculty for accurate academic planning
- Deployed interactive learning tools using JavaScript and the SCORM API, including a quiz-integrated crossword puzzle, increasing engagement in Canvas courses with 200+ students
- Collaborated with professors to design custom quiz software and streamline faculty data workflows, while providing technical support to ensure smooth adoption of new tools

Computer Science Tutor

Apr 2024 – Mar 2025

BeWise Education

Remote

- Tutored Java and object-oriented programming (OOP) for advanced placement (AP) students
- 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%
- Enhanced student performance by 20% using progress tracking, targeted feedback, and fostering critical thinking

TECHNICAL PROJECTS

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
- Secured per-user itinerary persistence via Django models and REST endpoints, ensuring access to saved itineraries
- Implemented AI-driven itinerary generation using prompt engineering and efficient JSON parsing in under 2s

TECHNICAL INVOLVEMENT

Hackathon Mentor | nwPlus

Nov 2024

- Mentored at a 200+ participant for 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