

# Connor Young

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## EDUCATION

### University of British Columbia

Bachelor of Science, Major in Cognitive Systems (Computer Science & Psychology)

Expected Graduation May 2027

Vancouver, BC

## EXPERIENCE

### Davinci AI Solutions

Software Engineer Intern

Sept 2025 – Dec 2025

Calgary, AB

- Built core full-stack features of an AI-integrated ERP SaaS with ReactTS, Django, and PostgreSQL for production
- Deployed lightweight LLM asynchronous tasks through Celery and RabbitMQ for client requests, reducing response latency 10× (20s → 500ms) through caching and optimized inference
- Cut QA time by 20 hrs/week by using MCP servers with Claude Code to automate testing and regression checks
- Collaborated with C-suite executives to integrate system architecture and UI design, taking ownership of 40% of the project's development and delivery
- Automated client scheduling using Celery and Graph API, eliminating 100% of manual monitoring for 10k+ users

### University of British Columbia

May 2025 – Aug 2025

Product Engineer Intern

Vancouver, BC

- Led the development of 8 scheduling tools serving 5000+ users collaborating across a cross-functional team of 12
- Implemented a constraint-based scheduling algorithm in JavaScript, resolving 150+ multi-course conflicts
- Redesigned backend data architecture with a SQL star schema, eliminating duplication bottlenecks and accelerating query performance by 5x (10s → 2s)
- Consulted faculty staff on technical solutions and ran A/B testing with weekly interviews to drive iterations

### UBC Land and Food Systems

Sept 2024 – Apr 2025

Software Engineer Intern

Vancouver, BC

- Developed SCORM-compliant JavaScript webapps for Canvas LMS, adopted in 8 courses by 200+ students
- Automated data ingestion from 13 sites with Python (BeautifulSoup + Pandas), saving 10+ hrs/week
- Created Python ETL scripts for 580 course requirements, reducing manual course workload by 200 hrs/term
- Shipped weekly features via GitHub Actions CI/CD and led User Acceptance Testing, ensuring smooth adoption

## TECHNICAL PROJECTS

### Advizr | React, Python, Flask, Cohere

Sept 2024

- Created an academic advisor with React and Python to assist students in course planning for 200+ universities
- Improved answer precision by 90% through a RAG pipeline that grounded LLM outputs in curated datasets
- Reduced the AI response time by 80% using cohore APIs re-rank function achieving a 1.5s response

### StockScout | Python, pandas, PyTest, PySimpleGui, matplotlib, YFinance API

Jul 2024

- Processed data from 700+ stocks with Yahoo Finance API, supplying 10+ years of mean average data for tickers
- Engineered 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 1000+ cities
- Built a SQLite database with a RESTful API using Django for data storage and CRUD functionality

## CLUBS

### Product Management Club | Program Director

May 2025

- Organized and led 10+ events, including resume workshops and PM panels, hosting a total of 200+ students
- Directed workshops on coffee chatting and networking for 50+ attendees, with mentorship from C-suite executives
- Scaled student engagement by 40% through a mentorship and events model based on PM casework

## TECHNICAL SKILLS

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

**Frameworks/Libraries:** React, React Native, PostgreSQL, Django, Celery, pandas, Node.js, Redis, PyTest

**Developer Tools:** Git, Github, Version Control, Docker, Kubernetes, GitHub Actions, Figma