Connor Young

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EDUCATION

University of British Columbia — Expected Graduation May 2027
Bachelor of Science, Major in Cognitive Systems (Computer Science & Psychology) — *Vancouver, BC*

EXPERIENCE

GeoComply — Jan 2026 – May 2026
Incoming ML Data Scientist Intern — *Vancouver, BC*

Davinci AI Solutions — Sept 2025 – Dec 2025
Software Engineer Intern — *Calgary, AB*
- Built core full-stack features of an AI-integrated ERP SaaS with React, Django, and PostgreSQL for 10k+ users
- Deployed lightweight LLM asynchronous tasks through Celery and RabbitMQ for client requests, reducing response latency $10\times$ (20s → 500ms) through caching and optimized inference
- Identified and resolved N+1 query bottlenecks across the codebase, reducing latencies by up to 99% (11s → 100ms)
- Automated client scheduling using Celery and Graph API, eliminating 100% of manual monitoring and scheduling

University of British Columbia — May 2025 – Aug 2025
Software 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 architecture, eliminating scale bottlenecks and improving 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
- 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

Concurrent Task Queue | *Go, Gin, React, Redis, Docker* — Nov 2025
- Redesigned single threaded queues into a concurrent job processor handling 50K+ tasks with <50 ms latency
- Containerized Go and Redis services with Docker for horizontal scalability and fault isolation
- Designed fault tolerant worker pools with retry logic that maintained 99.8% job reliability during high concurrency
- Built a Gin REST API with a React frontend to handle job submission, status tracking, and queue monitoring

RAG Academic Advisor | *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 cohere APIs re-rank endpoint achieving a 1.5s response

Stock Scouter | *Python, pandas, PyTest, PySimpleGui, matplotlib, YFinance API* — Jul 2024
- Processed data from 700+ stocks with Yahoo Finance API, supplying 10+ years of moving 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

CLUBS

Product Management Club | Program Director — May 2025 - Present
- 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
- Drove corporate outreach connecting with mentors from companies such as Apple, Google, Spotify, Okta

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, Go, C/C++, SQL, HTML/CSS
Frameworks/Libraries: React, PostgreSQL, Django, Celery, pandas, Gin, Node.js, PyTest
Developer Tools: Git, Github, Docker, Azure, AWS, Kubernetes (K8s), Lens, Redis, GitHub Actions, Figma