

Braydon Powell

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Education

Toronto Metropolitan University

Expected May 2028

Bachelor of Science, Computer Science | GPA: 3.55/4.00

Toronto, ON

- Coursework: Data Structures & Algorithms, Databases, Computer Security, Operating Systems, AI

Skills

Languages: Python, Java, C, C++, TypeScript, SQL, Bash

Databases: PostgreSQL, Snowflake, Supabase

Frameworks: React.js, Next.js, Flask, Spring Boot, Django, scikit-learn, pandas, NumPy

Tools: Git/GitHub, JIRA, Postman, Power BI, Linux/Unix, JUnit, GCP, Jupyter

Experience

IMAX Corporation

June 2026 – Aug 2026

Data Developer Intern

Mississauga, ON

- Cut 600+ hrs/year of manual work matching IMAX 70mm film projector parts to their technical documents by building an automated workflow with Python, SQL, and LLM APIs
- Delivered *The Odyssey*'s box office forecast, accurate to within 10% before release, by building a Python, pandas, and Snowflake data pipeline from historical ticket sales
- Saved 6 hrs/week of reporting by building a dashboard that shows managers where a 30+ person team is over or under their planned hours, using Power BI, JIRA, Tempo API, and Snowflake
- Segmented 256 theaters into 5 performance profiles using a Python K-Means model, giving senior management an interactive Streamlit dashboard to compare locations and spot trends

Umbrella Tech AI Solutions

Apr 2025 – Aug 2025

Quality Assurance Engineer

Remote

- Shipped a flagship delivery agent, a key selling point in the company's acquisition, by owning its QA
- Reduced critical defects by 64% in a Spring Boot app by writing automated Java regression tests
- Improved address-matching accuracy by 24% by cross-validating input against two geocoding APIs
- Caught defects before release across 10 REST endpoints by testing auth flows and edge cases in Postman

Projects

CleanDrive AI

- Shipped a full-stack Next.js/TypeScript SaaS app to 300+ paying customers
- Sorted files 33% faster by building recursive traversal over Google Drive and Graph APIs via OAuth 2.0

Parallax

- Built a multi-agent news scraper (News API, SerpAPI, Apify) with a deduping orchestrator
- Used GPT-4o for summaries and bias scoring, served by Flask APIs on GCP Cloud Run

WikiRacer

- Found shortest paths between live Wikipedia articles using BFS in C++
- Wrote a dependency-free HTML parser and adapted it when Wikipedia changed its markup