Brendan Vance

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Education

University of Toronto Jul. 2026 – May 2031 (Expected)
Bachelor of Applied Science, Mineral Engineering *Toronto, ON*

Experience

Owner Apr. 2023 – Present
Vance Window Cleaning *Toronto, ON*

- Sustain an 80%+ operating margin on $100k in revenue, with a 93% year-over-year customer repeat rate
- Hire and train 5 employees in sales, cleaning operations, and customer service for window cleaning and lawn care

IT Systems Contractor Jan. 2023 – Oct. 2024
Kember Kreative Interiors *Orangeville, ON*

- Built 10+ high-powered PCs and an IMOS 3D-modeling server for a 20-person cabinetry design team
- Recovered lost server data, configured a new SQL Server, and consulted on server installs in 2 other countries

Projects

Voice-Controlled Coffee Machine Nov. 2026

- Led software for a voice-controlled coffee machine that sets each cup's caffeine (mg) from Fitbit sleep data, Google Calendar events and Health Canada limits
- Built a Raspberry Pi–Arduino system using Gemini and ElevenLabs speech, driving 3 peristaltic pumps to mix caf and decaf concentrate for a $110 materials cost
- **Won 1st place in the UTEK 2026 Innovative Design competition**

Reverse Osmosis Cart Nov. 2023 – May 2025

- Designed and sold a portable RO/DI cart delivering 54% higher GPM output than top commercial brands
- Reduced tap water from 500+ ppm to under 1 ppm total dissolved solids

Volunteering

A/V Technician Dec. 2025 – Present
Agincourt Gospel Hall *Toronto, ON*

- Broadcast 10+ weekly hybrid church services over Zoom with no missed services
- Troubleshoot live audio, video, and connection issues while running the mixer, cameras, and streaming PC

Program Lead, Counsellor & Assistant Lifeguard Apr. 2019 – Present
Good News Gospel Outreach (Seasonal) *Toronto, ON*

- Lead drama and arts & crafts programs for 10–15 day campers per session; co-lead games at overnight teen camp
- Supervise 10+ children on the beach as an assistant lifeguard across 4 summers, with zero incidents

Awards & Certificates

Bronze Cross & CPR/AED Level C — Lifesaving Society/Canadian Red Cross
Honours Certificate of Bilingual Studies — Toronto District School Board
Minister's Certificate of Community Involvement — Ontario Ministry of Education

Skills

Languages: English (native), French (B2)
Programming: Python, C++
Technological tools: Excel, WordPress, SQL, LaTeX, SketchUp, Google Business Profile
Hands-on: Soldering, circuit design, 3D modeling, 3D printing, Li-ion battery design, woodworking