Gabriel Dalton

AI strategist, TEDx speaker, digital sustainability advocate

me@gabrieldalton.com | Vancouver, Canada
gabrieldalton.com | linkedin.com/in/gabrieldalton | github.com/Gabriel-Dalton

SUMMARY

AI strategist and web consultant working across software development, AI systems, digital sustainability, digital accessibility, security and privacy. Self-taught in code since age ten; has worked with 30+ organizations, from local nonprofits to government bodies and businesses. Founded Oasis of Change, Inc. at fifteen, with work supporting 18,750+ trees planted in 32 countries. Leads the API and MCP roadmap at Tree-Nation, develops TKS Life at The Knowledge Society, and speaks on digital sustainability and the environmental cost of AI.

SELECTED RESULTS

- **AI systems.** Evaluated and repaired Plastic Bank's staff RAG assistant, improving accuracy and preventing unverifiable citations on a fixed set of test questions.
- **Software and agentic workflows.** Develops TKS Life for students and staff. Built Argo, a pipeline that turns search signals into Jira tickets and, after human approval, coding-agent pull requests.
- **Digital accessibility, security and privacy.** Reviews websites against WCAG 2.2 AA and GDPR, identifies security issues and implements improvements.
- **Digital sustainability.** Reduced carbon, energy and water use on client websites by up to 98%, and built a public impact dashboard at impact.oasisofchange.com.
- **Speaking and leadership.** TEDx and keynote speaker, nonprofit founder and former National Coach at The Dais at Toronto Metropolitan University.

EXPERIENCE

Founder & President
Jul 2023 to Present

Oasis of Change, Inc.

- Directed a team of up to 15 people, secured a $120,000 Google Ad Grant and built partnerships with organizations including NordVPN.
- Supported 18,750+ trees planted in 32 countries and built a public impact dashboard using reforestation project data.
- Helped nonprofits secure technology grants worth about $868,000 per year from Google, Microsoft, Canva and Atlassian.

AI Solutions Developer
Nov 2026 to Present

Tree-Nation

- Own the API and MCP roadmap, shaping how AI agents work with a platform that has planted nearly 50 million trees.

Lead Developer and Scrum Master, TKS Life
Oct 2026 to Present

The Knowledge Society (TKS)

- Develop and maintain TKS Life (tks.world), the platform students and staff use for lessons, projects and community.
- Work across its Next.js and React frontend, TypeScript and Express backend, and PostgreSQL database.

Chief Executive Officer
Jun 2019 to Present

Web-Ready Technologies | Self-employed

- Increased client traffic by 1,034% in one month and cut carbon, energy and water use by up to 98%.
- Made client sites ready for AI agents, reaching 100 and 98 of 100 on the Is Agentic readiness scan from Vercel Labs (up from 78 and 61).
- Build energy efficient, accessible websites for nonprofits and businesses.

Technical Sales Manager
Mar 2026 to Present

AccessibilityChecker.org | Contract

- Sell digital accessibility services: audits, VPATs, remediation and monitoring against WCAG, ADA, Section 508, ACA, AODA and EAA.
- Work with organizations to define their requirements and coordinate the delivery of digital accessibility services.

- Built an AI-assisted sales workflow with human approval on client emails.

Digital Marketing (AI Development)
Oct 2025 to Oct 2026

Plastic Bank | Internship

- Advanced visibility across search and generative AI platforms, including programmatic SEO and generative engine optimization (GEO).
- Built the Live Plastic Tracker, the most cited Plastic Bank page in AI answers, and grew the Rivers subdomain to tens of thousands of monthly search impressions.
- Built Argo, a headless agentic workflow that turns search signals into tickets and, after approval, coding-agent pull requests.
- Evaluated and repaired an internal RAG system, improving retrieval, indexing and citation validation.
- Ran security, WCAG 2.2 AA, GDPR and repository integrity reviews across web properties, and built QA tools, security scanning and a brand system for coding agents.
- Worked in a Scrum team, from issue refinement through review and production release.

Website Advisor
Jan 2024 to Present

Stanley Park Ecology Society (SPES) | Pro Bono

- Advise a conservation charity in Vancouver's Stanley Park on its two websites, running page audits, image fixes, backend optimization and access management to improve speed and digital accessibility.
- Supported planting 225+ trees in four countries through website-linked reforestation.

National Coach (Fellow)
Mar 2025 to Feb 2026

The Dais at Toronto Metropolitan University | Contract

- Selected as 1 of 3 coaches, mentoring 20 Youth Champions across Canada on responsible technology use, and recognized by Senator Katherine Hay.

IT & Digital Communications Specialist
Jul 2024 to Jun 2025

St. Paul's Anglican Church | Full-time, then contract

- Built and managed the website, maintained legacy computers and implemented security systems with backups while overseeing building operations.
- Reduced website emissions by 83% (1.34g to 0.22g CO2 per visit) and cut hosting costs by 89.7%.

Product Marketing Manager Intern
Mar 2025 to Jun 2025

Formaloo | Internship

- Product marketing for a no-code form and app builder.
- Chosen as 1 of 8 participants and the youngest, working with the Chief Marketing Officer on campaigns, customer data analysis and growth strategy, and contributing to the Memory Forms product feature.

Youth Accessibility Leader
Sep 2024 to Nov 2024

Service Canada | Pro bono

- Worked with nonprofits applying for accessibility grants of up to $12,000, securing about $7,000 for one project.
- Certificate of recognition signed by the Honourable Patty Hajdu, Canada's Minister of Jobs and Families.

EARLIER EXPERIENCE

- **SEO Expert & Digital Advisor**, ViRA360 (Apr 2024 to Oct 2024). Worked directly with the CEO on SEO content, website usability and eco friendly practices.
- **SEO & English Content Specialist**, Refoorest (Apr 2024 to Oct 2024). Grew Refoorest's digital presence with the executive team, supporting 915,000+ trees planted.
- **Chief Sustainability Officer & Head of Digital Strategy**, Mittler Senior Technology (Nov 2023 to Oct 2024). Founded and led the Sustainability Department with the CEO. Built a sustainable, accessible website, planted 123+ trees and migrated the site from WordPress to AWS.
- **Chief Technology Officer**, The King George Times (Jan 2023 to Jan 2024). Developed a modern, sustainable website for the school newspaper, generating 3,000+ views after launch.
- **Digital Sustainability Consultant**, SustainableWWW (Jan 2023 to Jan 2024). Advised on website sustainability. Led efforts to plant 150+ trees across Kenya, Madagascar, Tanzania and Uganda through projects such as Eden Reforestation.
- **Professional Photographer**, Unsplash (Jan 2021 to Present). Contributed photography for free global use. Work received 9.1M+ views and 56,880+ downloads, featured on Figma, Typeform, Google Slides, Medium, Notion and Buzzfeed.

EDUCATION

British Columbia Institute of Technology (BCIT), Business and Nonprofit Management — 2026 to Present

King George Secondary School, Student | 3.76/4.0 GPA — 2021 to 2026

The Knowledge Society (TKS), Alumnus | 10 to 15% acceptance rate out of 42,000+ applicants — Aug 2024 to Jun 2025

buildspace s5, Alumnus | Top 7.4% of the cohort — Jun 2024 to Aug 2024

International Baccalaureate (IB), Middle Years Programme, Alumnus — 2019 to 2024

SKILLS

AI Agents: Agentic Pipelines, Human-in-the-Loop Approval, Multi-Agent Orchestration, Headless Agents, MCP Servers, Agent Skills, Claude Code, Cursor (including Cloud Agents), Codex

AI Systems: RAG, LLM Evaluation, Prompt Engineering, Intercom Fin, n8n Workflow Automation, AI Agent Readiness (Is Agentic by Vercel Labs, llms.txt, Markdown for agents, WebMCP)

Web & Development: TypeScript, JavaScript, Python, React, Next.js, Astro, Node.js, Tailwind CSS, HTML, CSS, REST APIs, Stripe, Playwright, Vitest

Hosting & Data: Vercel, Cloudflare, Supabase, PostgreSQL, GitHub Actions, Domain & DNS Management, WordPress

Delivery: Jira, Confluence, Scrum (sprints and daily standups), Trunk-Based Development, Pull Request Review

Digital Accessibility & Compliance: WCAG 2.2, ADA, Section 508, ACA, AODA, EAA, VPATs, GDPR

Analytics & SEO: SEO, Generative Engine Optimization (GEO), Google Search Console API, Bing Webmaster Tools API, Google Analytics, PostHog

Sustainability & Reporting: Google Lighthouse, GTmetrix, Ecograder, WebsiteCarbon.com, Sustainable Web Design Model, W3C WSG

Security & Privacy: Website and API Security Review, Security Headers, Email Spoofing Protection (SPF, DKIM, DMARC), Automated Security Scanning in CI, Cloudflare WAF, DNS Security, SSL/TLS, GDPR Gap Analysis, Cookie Consent Review

SPEAKING

- **Consulate General of Ireland, Vancouver (Oct 2026)**. Keynote, Digital Sustainability in the Age of AI.
- **TEDx École Mission Secondary (Feb 2026)**. Talk, The Missing Piece of AI & Tech Literacy. Watch on YouTube
- **URL to IRL Event (Sep 2025)**, The Dais at Toronto Metropolitan University. Panelist, audience of 120+.
- **Vancouver Emerging Technology Showcase (Jun 2025)**, UBC Robson Square. Moderated the Student Panel, 250+ attendees.
- **TransLink Board of Directors (Mar 2025)**. Presented at a public board meeting of Metro Vancouver's transit authority on what the web costs.

AWARDS

- **West End Community Centre Association Graduation Awards (2026)**, Vancouver. Received three scholarships for community leadership: the Arnie Zucker Community Leadership Award, the Carrie Samoil Award for Excellence in Community Leadership and Volunteerism, and the Award for Personal Achievement and Community Involvement.
- **Impact in Innovation Award (2025)**, City of Vancouver, Awards of Excellence. Recognized for outstanding contributions in science, technology and sustainability.
- **Sustainable Technology Week (2025 & 2026)**, City of Vancouver civic proclamation. Worked directly with Vancouver Mayor Ken Sim to have the week proclaimed.

PROJECTS

- **Open source**. Fixes merged in the Government of British Columbia's wildfire prediction platform and in ActivityWatch, an open source time tracker. My own tools include an orchestrator where one AI coding agent directs others, MCP servers and agent skills for digital accessibility and sustainability audits. View: github.com/Gabriel-Dalton
- **Student consulting, The Knowledge Society**. Semi-finalist projects for Microsoft, on cooling AI data centres with less energy (gabrieldalton.com/microsoft), and for IKEA, on a voice assistant for customer support (gabrieldalton.com/ikea).