

Jason Xie

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EXPERIENCE

Software Developer & Digital Marketer – Internship

May 2025 – June 2025

Ignite Marketing Productions LTD.

Grande Prairie, AB (Remote)

- Built and updated WordPress client sites; improved site speed by **15%** and reduced average load time by **35%**, contributing to **+31%** impressions and **+12%** sales.
- Ran **SEO** and **Google Ads** campaigns; increased organic traffic **24%**, improved ad click-through rate by **45%**, and reduced cost per click by **15%**.
- Designed **Figma** flows, responsive UI, and built reusable components.

AI Backend/Infrastructure Developer – Internship

Mar 2025 – May 2025

Atlantis AI

Remote

- Shipped a Firefox extension integrating a lightweight **LLM**; cut response time by **50%** and reduced errors by **15%**.
- Evaluated/tuned models and prompts; improved output precision by **15%** while lowering token costs by **35%**.
- Built UI with **React (TypeScript)** + **Tailwind**; integrated LLM via Hugging Face **Inference API**.

Front-End Engineering – Internship

Feb 2025 – April 2025

Senticik (AI Consulting Firm)

Vancouver, BC (Remote)

- Built a responsive site; factored UI into **6** reusable components with client-side validation.
- Cut median load time by **20%** and raised Lighthouse Performance by **30** pts via image compression, script defer/async, and lazy-loading; set up Git workflow and cloud deploy with handoff docs.

Software Developer – Internship

June 2024 – Aug 2024

OTP Design-Works

Brantford, ON

- Designed and implemented custom Customer Relationship Management (CRM) tools using **Zoho One**, improving client engagement by **20%**.
- Developed and launched interactive websites and forms through **Zoho Creator**, **Deluge scripting**, **HTML**, and **CSS** to streamline data collection and enhance the user experience for over **25** clients.

PROJECTS

Type-Well | *Chrome MV3, JavaScript, HTML/CSS, Fetch API, Hugging Face Inference API*

- AI rewriter **Chrome extension** that edits selected text *inline* with tone presets across Gmail/Docs/LinkedIn; cut manual editing time by **50%** in ad-hoc tests.
- Integrated Hugging Face **Inference API** with retries/timeouts and safe DOM insertion; reliable replacements within active editors.

ResourceHub | *Node.js, TypeScript, Express, Prisma, PostgreSQL, JWT, Docker, GitHub Actions, Render*

- Student resource platform (API + UI) for sharing/searching notes, past exams, and tutorials; reached **200** students across **15** courses with **100** resources.
- REST API** to submit, tag, and search; **JWT** roles + **Prisma** migrations; hosted on **Render (Supabase PostgreSQL)**; **300** visits/month.

Eat-Safe Toronto | *Python, pandas, SQLite, JavaScript, HTML/CSS, Papa Parse, GitHub Pages*

- Public site to look up Toronto restaurant health inspections by name/address; surfaces latest status and full history to inform dining choices. User base of 150+ monthly users.
- Normalized **132k** rows to **SQLite** and published a browser-parsable CSV; indexed lookups return in less than **1s**.

EDUCATION

Bachelor of Applied Science in Computer Science

Hamilton, ON

McMaster University

Aug. 2024 – May 2028

Entrance Scholarship Top 10% of incoming class (99% GPA)

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, Java, C, C++, C#, Kotlin, PHP, SQL, HTML, CSS

Frameworks: React, Next.js, React Native, Express, Flask, FastAPI, Tailwind CSS

Developer Tools & Platforms: Git, GitHub, Unity, Docker, WordPress, Render, Supabase, Postgres, SQLite, Prisma

Libraries: pandas, NumPy, jQuery, Boost, Framer, Papa Parse