

# Jason Xie

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## EXPERIENCE

<b>Software Developer &amp; Digital Marketer – Internship</b> <i>Ignite Marketing Productions LTD.</i>	May 2025 – June 2025 Grande Prairie, AB (Remote)
<ul style="list-style-type: none"><li>Built and updated WordPress client sites; improved site speed by <b>15%</b> and reduced average load time by <b>35%</b>, contributing to <b>+31%</b> impressions and <b>+12%</b> sales.</li><li>Ran <b>SEO</b> and <b>Google Ads</b> campaigns; increased organic traffic <b>24%</b>, improved ad click-through rate by <b>45%</b>, and reduced cost per click by <b>15%</b>.</li><li>Designed <b>Figma</b> flows, responsive UI, and built reusable components.</li></ul>	
<b>AI Backend/Infrastructure Developer – Internship</b> <i>Atlantis AI</i>	Mar 2025 – May 2025 Remote
<ul style="list-style-type: none"><li>Shipped a Firefox extension integrating a lightweight <b>LLM</b>; cut response time by <b>50%</b> and reduced errors by <b>15%</b></li><li>Evaluated/tuned models and prompts; improved output precision by <b>15%</b> while lowering token costs by <b>35%</b>.</li><li>Built UI with <b>React (TypeScript)</b> + <b>Tailwind</b>; integrated LLM via Hugging Face <b>Inference API</b>.</li></ul>	
<b>Front-End Engineering – Internship</b> <i>Sentcik (AI Consulting Firm)</i>	Feb 2025 – April 2025 Vancouver, BC (Remote)
<ul style="list-style-type: none"><li>Built a responsive site; factored UI into <b>6</b> reusable components with client-side validation.</li><li>Cut median load time by <b>20%</b> and raised Lighthouse Performance by <b>30</b> pts via image compression, script defer/async, and lazy-loading; set up Git workflow and cloud deploy with handoff docs.</li></ul>	
<b>Software Developer – Internship</b> <i>OTP Design-Works</i>	June 2024 – Aug 2024 Brantford, ON
<ul style="list-style-type: none"><li>Designed and implemented custom Customer Relationship Management (CRM) tools using <b>Zoho One</b>, improving client engagement by <b>20%</b></li><li>Developed and launched interactive websites and forms through <b>Zoho Creator</b>, <b>Deluge scripting</b>, <b>HTML</b>, and <b>CSS</b> to streamline data collection and enhance the user experience for over <b>25</b> clients.</li></ul>	

## PROJECTS

<b>Type-Well</b>   <i>Chrome MV3, JavaScript, HTML/CSS, Fetch API, Hugging Face Inference API</i>	
<ul style="list-style-type: none"><li>AI rewriter <b>Chrome extension</b> that edits selected text <i>inline</i> with tone presets across Gmail/Docs/LinkedIn; cut manual editing time by <b>50%</b> in ad-hoc tests.</li><li>Integrated Hugging Face <b>Inference API</b> with retries/timeouts and safe DOM insertion; reliable replacements within active editors.</li></ul>	
<b>ResourceHub</b>   <i>Node.js, TypeScript, Express, Prisma, PostgreSQL, JWT, Docker, GitHub Actions, Render</i>	
<ul style="list-style-type: none"><li>Student resource platform (API + UI) for sharing/searching notes, past exams, and tutorials; reached <b>200</b> students across <b>15</b> courses with <b>100</b> resources.</li><li><b>REST API</b> to submit, tag, and search; <b>JWT</b> roles + <b>Prisma</b> migrations; hosted on <b>Render (Supabase PostgreSQL)</b>; <b>300</b> visits/month.</li></ul>	
<b>Eat-Safe Toronto</b>   <i>Python, pandas, SQLite, JavaScript, HTML/CSS, Papa Parse, GitHub Pages</i>	
<ul style="list-style-type: none"><li>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.</li><li>Normalized <b>132k</b> rows to <b>SQLite</b> and published a browser-parsable CSV; indexed lookups return in less than <b>1s</b></li></ul>	

## EDUCATION

<b>Bachelor of Applied Science in Computer Science</b> <i>McMaster University</i> Entrance Scholarship Top 10% of incoming class (99% GPA)	Hamilton, ON Aug. 2024 – May 2028
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## TECHNICAL SKILLS

<b>Languages:</b> Python, JavaScript/TypeScript, Java, C, C++, C#, Kotlin, PHP, SQL, HTML, CSS
<b>Frameworks:</b> React, Next.js, React Native, Express, Flask, FastAPI, Tailwind CSS
<b>Developer Tools &amp; Platforms:</b> Git, GitHub, Unity, Docker, WordPress, Render, Supabase, Postgres, SQLite, Prisma
<b>Libraries:</b> pandas, NumPy, jQuery, Boost, Framer, Papa Parse