

# 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> increase in impressions and <b>12%</b> in 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>; 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 <b>Hugging Face Inference API</b>.</li></ul>	
<b>Front-End Engineer – 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 – Sept 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>Remind-Bot (Chrome Extension)</b>   <i>Manifest V3, HTML/CSS, JavaScript, Chrome APIs (alarms, notifications, storage)</i>	
<ul style="list-style-type: none"><li>Shipped a deadline-reminder MV3 extension: per-reminder alarms, actionable notifications, badge counts, and auto-reschedule on browser startup.</li><li>Public launch on Chrome Web Store (<b>3k</b> video views → <b>28</b> installs, <b>1%</b> conv).</li></ul>	
<b>ResourceHub</b>   <i>Node.js, TypeScript, Express, Prisma, PostgreSQL, JWT, Docker, GitHub Actions, Render, SupaBase</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>120</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 with <b>1200</b> total site visits.</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 <b>150+</b> 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, MUI
<b>Developer Tools &amp; Platforms:</b> Git, GitHub, Docker, WordPress, Render, SupaBase, PostgreSQL, SQLite, Prisma
<b>Libraries:</b> pandas, NumPy, jQuery, Boost, Framer, Papa Parse