

# ERIC CHEN

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## Experience

<b>Arctic Wolf Networks   Software Engineer Intern</b> <i>React.js, TypeScript, Golang, Python, AWS, Figma</i>	<b>May 2024 – August 2024</b> Waterloo, ON
<ul style="list-style-type: none"><li>Built a <b>Chrome extension</b> for ZenDesk, reducing support team handling time by <b>2-5 minutes per issue</b> and optimizing workflow efficiency</li><li>Automated AWS deployments using <b>CloudFormation</b>, reducing deployment time by <b>80%</b>, improving <b>global content delivery speed by 37%</b>, and ensuring <b>99.9% uptime</b> via <b>CloudFront and S3</b></li></ul>	
<b>Esri   Software Engineer Intern</b> <i>Stencil.js, TypeScript, Node.js, ArcGis JSAPI, SQL, Figma</i>	<b>May 2023 – December 2023</b> Ottawa, ON
<ul style="list-style-type: none"><li>Created a <b>Cytoscape.js</b>-powered dependency graph, streamlining form expression <b>debugging by 75%</b>.</li><li>Developed <b>three custom CKEditor5 plugins</b>, reducing content input time by <b>15 seconds per usage</b> for users</li><li>Built a <b>custom SQL-92 language service</b> in <b>Monaco Editor</b>, adding <b>auto-completion, syntax highlighting, and validation</b>, boosting productivity by <b>60%</b> and eliminating manual copy-pasting</li></ul>	
<b>McMaster University   Software Developer Intern</b> <i>React.js, TypeScript, Tailwind CSS, Redux.js, OpenLayers, Node.js, Jest, Figma</i>	<b>June 2022 – November 2022</b> Hamilton, ON
<ul style="list-style-type: none"><li><b>Optimized RTA web interface</b>, reducing data processing latency by <b>22%</b> and increasing daily active users by <b>29%</b></li><li>Enhanced <b>user interaction by 37%</b> by integrating <b>six ReCharts data charts</b> and <b>four OpenLayers maps</b> for real-time traffic visualization</li></ul>	
<b>Gunkii   Shopify Lead Software Development Intern</b> <i>HTML, CSS, JavaScript, SASS, Liquid, GTMetrix, PageSpeedInsights</i>	<b>June 2022 – August 2022</b> Vancouver, BC
<ul style="list-style-type: none"><li>Revamped <b>Shopify store UI</b>, increasing <b>user engagement by 43%</b> and boosting conversion rates by <b>21%</b></li><li>Reduced <b>page load time by 1.64s</b> through code optimizations, ensuring <b>faster and more responsive interactions</b></li><li>Implemented <b>SEO best practices</b> (meta tags, structured backlinks), improving <b>organic search visibility by 27%</b></li></ul>	

## Projects

<b>Plutos   React Native, TypeScript, Flask, Firebase, PostgreSQL, AI/ML, OCR</b>	<b>September 2024</b>
<ul style="list-style-type: none"><li>Devised an AI-powered budgeting app that parses receipt images, categorizes expenses, and tracks spending habits</li><li><b>Integrated OCR (Optical Character Recognition) and machine learning</b>, enabling automatic extraction of itemized expenses with <b>90% accuracy</b></li><li>Engineered a <b>PostgreSQL-backed financial database</b>, optimizing query performance for real-time analytics</li></ul>	
<b>Poolber   React Native, Node.js, Firebase, Figma, Google Maps API</b>	<b>April 2023</b>
<ul style="list-style-type: none"><li>Launched a <b>React Native app</b> that matches carpoolers, <b>reducing travel costs and carbon emissions</b></li><li><b>Integrated Firebase Authentication</b>, enabling secure user login and real-time session management</li><li>Designed and converted <b>12 Figma wireframes</b> into modular React Native components for a seamless UI/UX</li></ul>	
<b>Genshin Impact Wish Simulator   Node.js, Genshin.js, Discord.js, MongoDB, Railway</b>	<b>January 2023</b>
<ul style="list-style-type: none"><li>Designed and implemented a custom <b>Discord bot</b> to simulate the gacha environment in <b>Genshin Impact</b>, increasing <b>user interactions by 35%</b>, resulting in a more active and vibrant community</li><li>The bot is actively used by <b>323+ members across five Discord servers</b></li></ul>	

## Education

<b>McMaster University</b> <i>Software Engineering Co-op (B.Eng)</i>	<b>September 2020 – April 2025</b> Hamilton, ON
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## Skills:

React.js, TypeScript, JavaScript, Python, Golang, AWS, Next.js, HTML/CSS, SQL, NoSQL, Java, Docker

## Personal Hobbies and Interests:

Gaming, Working Out, Badminton, Volleyball, Ultimate Frisbee, Keyboards