

Linda Chen

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Skills

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| Languages & Technologies | JavaScript, TypeScript, HTML/CSS, Python, Java, C++, Kotlin, Bash, PHP |
| Frameworks & Libraries | React, React Native, Node.js, Google APIs (Gemini, Maps, Charts, Sheets), Arduino IDE, Plotly, Swagger UI |
| Developer Tools | Android Studio, XCode, Figma, Astro, Linux, Visual Studio Code, Git |

Experience

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| BitGo | Palo Alto, California, United States |
| Software Engineering Intern | Sep 2025 - Dec 2025 |
| <ul style="list-style-type: none">Built a comprehensive test suite from scratch for a React Native mobile application, increasing unit test coverage from 0% to 80%Implemented a GitHub Action to enforce a minimum code coverage thresholds, preventing 100+ pull requests from reducing coverageDesigned an integration testing framework using Bash to spin up test environments and enable automated testing on every pull requestDrove a 20% growth in user adoption of the mobile application by improving user onboarding and implementing in-app notifications | |
| FormulaTech Hacks | Waterloo, Ontario, Canada |
| Front-End Developer | Apr 2025 - Present |
| <ul style="list-style-type: none">Engineered responsive web interfaces in React, TypeScript, and Astro, enabling seamless user experiences for 200+ hackathon attendeesDeveloped responsive and dynamic dashboard components, ensuring a visually engaging and seamless experience across all screen sizes | |
| Counting Opinions | Toronto, Ontario, Canada |
| Full-Stack Developer | Jan 2025 - Apr 2025 |
| <ul style="list-style-type: none">Boosted product release by 6 days by leveraging Google Gemini AI to generate test data and produce realistic form responsesMulti-tasked API calls to Gemini using asynchronous programming, reducing latency and improving response time by 8 secondsProactively tested and debugged the codebase to improve system stability and prevent 90% of bugsDesigned website layout using Figma wireframes, providing a clear visual blueprint and streamlining front-end developmentAuthored a technical specification defining app features, APIs, and task delegations, serving as a blueprint for developmentEngineered a system to format and export HTML table data into Excel using the Sheets API, enabling seamless data integration | |
| Counting Opinions | Toronto, Ontario, Canada |
| Junior Web Developer | Jun 2023 - Aug 2024 |
| <ul style="list-style-type: none">Modernized charts by migrating from AmCharts4 to Plotly.js and Google Charts, enabling SVG exports and faster renderingIntegrated URL-based overlays to compare 500+ library locations, enabling visualization of cross-location trends on a single chartMapped 500+ library branches using the Google Maps API, enabling interactive geographic visualization of system-wide dataUpgraded to Advanced Markers post-deprecation and implemented an algorithm to resolve overlaps using circular coordinate offsetting | |

Projects

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| MiniMind Discord Bot | Python |
| <ul style="list-style-type: none">Engineered a multifunctional Discord bot using Python, delivering AI-powered grammar checking, translation, and paraphrasing toolsOrchestrated API integrations with DeepL, Google Translate, and Gemini to produce accurate, context-aware multilingual responsesOptimized performance with asynchronous API calls, reducing response time and enhancing real-time user experienceDeployed the bot using Replit and UptimeRobot, ensuring 24/7 availability and automatic error recovery | |
| Personal Portfolio Website | JavaScript, HTML/CSS |
| <ul style="list-style-type: none">Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase artwork and development skillsImplemented responsive design, ensuring optimal usability across various display settings and screen sizes, from mobile to desktopBuilt dynamic, accessible elements for seamless navigation, reducing average page load time by 35%Leveraged Bootstrap 5 to design interactive popups and galleries, making portfolio sections more engaging and easier to navigate | |

Education

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|---|---------------------------|
| University of Waterloo | Waterloo, Ontario, Canada |
| Candidate for Bachelor of Applied Science in Systems Design Engineering | Sep 2024 - Apr 2029 |
| Relevant coursework: Digital Computation, Digital Systems, Data Structures and Algorithms | |