

Linda Chen

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Skills

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, Jest, Playwright
Developer Tools	Android Studio, XCode, Figma, Astro, Linux, Visual Studio Code, Git

Experience

BitGo

Software Engineering Intern

Palo Alto, California, United States

Sep 2025 - Dec 2025

- Built a comprehensive test suite using **Jest** 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 coverage
- Designed an integration testing framework using **Bash** to spin up test environments and enable automated testing on every pull request
- Drove a **20%** growth in user adoption of the mobile application by improving user onboarding and implementing in-app notifications

FormulaTech Hacks

Front-End Developer

Waterloo, Ontario, Canada

Apr 2025 - Present

- Engineered responsive web interfaces in **React, TypeScript, and Astro**, enabling seamless user experiences for 200+ hackathon attendees
- Developed responsive and dynamic dashboard components, ensuring a visually engaging and seamless experience across all screen sizes

Counting Opinions

Full-Stack Developer

Toronto, Ontario, Canada

Jan 2025 - Apr 2025

- Boosted product release by **6 days** by leveraging **Google Gemini AI** to generate test data and produce realistic form responses
- Multi-tasked API calls to Gemini using **asynchronous programming**, reducing latency and improving response time by 8 seconds
- Proactively tested and debugged the codebase to improve system stability and **prevent 90% of bugs**
- Designed website layout using **Figma wireframes**, providing a clear visual blueprint and streamlining front-end development
- Authored a **technical specification** defining app features, APIs, and task delegations, serving as a blueprint for development
- Engineered a system to **format and export HTML table data** into Excel using the **Sheets API**, enabling seamless data integration

Counting Opinions

Junior Web Developer

Toronto, Ontario, Canada

Jun 2023 - Aug 2024

- Modernized charts by migrating from **AmCharts4 to Plotly.js and Google Charts**, enabling SVG exports and faster rendering
- Integrated URL-based overlays to **compare 500+ library locations**, enabling visualization of cross-location trends on a single chart
- Mapped 500+ library branches using the **Google Maps API**, enabling interactive geographic visualization of system-wide data
- Upgraded to **Advanced Markers** post-deprecation and implemented an algorithm to resolve overlaps using circular coordinate offsetting

Projects

MiniMind Discord Bot

Python

- Engineered a multifunctional Discord bot using **Python**, delivering AI-powered grammar checking, translation, and paraphrasing tools
- Orchestrated API integrations with **DeepL, Google Translate, and Gemini** to produce accurate, context-aware multilingual responses
- Optimized performance with **asynchronous API calls**, reducing response time and enhancing real-time user experience
- Deployed the bot using **Replit and UptimeRobot**, ensuring 24/7 availability and automatic error recovery

Personal Website

React.js, TypeScript, TailwindCSS

- Developed a personal website in **React.js, TypeScript, and TailwindCSS** within a week, iterating to enhance design and functionality
- Designed and hand-drew all visual assets, including backgrounds and animations, creating a fully custom experience

Schedule Exporter

JavaScript

- Enable users to **export Waterloo class schedules as .ics files** by copying and pasting data from Quest
- Planning future enhancements to support multiple universities and customizable export options

Education

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