ZHONGCHI LI

✉ zhongchi.li@uwaterloo.ca

in linkedin.com/in/lizhongchi

○ github.com/ZhongchiLeoLi

⊙ zhongchileoli.me

SKILLS

Technologies	Languages	Design
React.js	JavaScript	Figma
Next.js	TypeScript	Framer
Node.js	Python	Photoshop
Express.js	HTML/CSS	Wix
Django	GraphQL	
MongoDB	SQL	
Firebase	C++	
Docker		
Jest		

EDUCATION

University of Waterloo
Bachelor of Computer Science
Sep 2019 - Apr 2024

Relevant courses:
User Interface, Algorithms, Software Design and Architectures, OOP

COMMUNITY

Frontend Developer — Hack the North
Mar 2022 - Present

Built the main website for Canada's largest student-run hackathon with **React.js** and **Tailwind CSS**, attracted an average of 20,000+ monthly visitors

Developed and launched the hacker application website using **TypeScript**, **Next.js**, and Apollo **GraphQL**, received 4,700+ applications

Built a QR code scanner tool that is used for attendee registration, event check-ins, sponsor networking, and hacker networking, handled 20,000+ scans in 36 hours

EXPERIENCE

Fullstack Software Engineer — On Deck
May 2022 - Aug 2022

Launched Deal Drop, a platform that provides an async demo day experience for investors and startups, engaged over 630 unique investors and 30 companies

Regulated server-side data transfer using **GraphQL** queries, and limited client-side UI using **TypeScript**, **Next.js** to enforce post-event access restrictions

Enhanced payment security by writing **Jest** unit tests for core functions

Frontend Software Engineer — Formlabs
Sep 2021 - Dec 2021

Led the web launch of 2 products by coordinating closely with Sales and Design teams to finalize product package configurations

Implemented the corresponding product checkout flows using **Next.js** and **TypeScript**, increasing total number of sales opportunities by 70% after launch

Provided Web Content Team with easy-to-use web components by developing flexible plugins on the **Django CMS** with **Next.js**

Software Engineer — Environment and Climate Change Canada
Jan 2021 - Apr 2021

Abstracted core client-side functionality to the server-side, resulting in improved server-side security and 30% reduction in client memory usage

Automated report generation using **NumPy** and **Pandas** to aggregate web traffic data, saving 10+ hours of manual analysis weekly

Lead Designer — Joya Travel & Lifestyle
May 2020 - Aug 2020

Coordinated with managers, designers, and developers to establish effective branding guidelines through reviews and design critiques

Led the development of 8 website and app prototypes on **Figma** and **Framer,** informed by 5+ user interviews to better understand product pain points

Co-Founder — Meraki District Clothing Brand
Nov 2016 - Mar 2019

Designed, produced, and marketed over 15 series of fashion clothing, selling over 400 products both online and through pop-up booths

PROJECTS

Chatter — Real-time chat application

Designed and developed a **React** chat application with functional components and hooks, powered by chatengine.io and deployed using **Vercel**

Implemented user authentication and data storage using **Firebase**, auth form functionality using **Formik**, and form validation using **Yup**

Paperboy — Summarized news website

Designed and built a fully responsive and accessible web front-end using **Node.js Express.js**, **EJS**, **Axios**, and **Bootstrap**

Enabled frictionless browsing experience with infinite scrolling and caching of user scroll positions using **jQuery** and **JavaScript**