

ZHONGCHI LI

 zhongchi.li@uwaterloo.ca

 [linkedin.com/in/lizhongchi](https://www.linkedin.com/in/lizhongchi)

 github.com/ZhongchiLeoLi

 zhongchileoli.me

SKILLS

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

EDUCATION

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

Relevant courses:
User Interface, Algorithms, Numerical Computation, Operating Systems, Object-Oriented Software Development

CERTIFICATIONS

Learn React Course Certification
codecademy

The Web Developer Bootcamp 2021
Udemy

Responsive Web Design
freeCodeCamp

JavaScript Algorithms and Data Structures
freeCodeCamp

Scientific Computing with Python
freeCodeCamp

INTERESTS

Drawing
Cooking
Fashion Design
Building Gundam

EXPERIENCE

Web Developer — Formlabs
Sept 2021 - Dec 2021

Providing content creators with easy-to-use web components by developing flexible plugins on the **Django CMS** with **Next.js**

Leading the development of the package organization and checkout flow of the launch of 2 new products on the store page

Web Developer — 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 front-end using **Node.js**, **Express.js**, **EJS**, **Axios**, and **Bootstrap**, aided deployment using **Docker**

Architected endpoint organization with back-end developer to optimize user experience for features such as search and article generation

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

Campsters — Customer reviews site for campgrounds

Developed a web app with RESTful APIs to perform CRUD functionalities for campground data using **Node.js**, **Express.js**, **MongoDB**, and **EJS**

Leveraged third-party APIs such as Unsplash, Mapbox, and Cloudinary for fetching related images, map interface, and cloud storage

Implemented user authentication, authorization using Passport.js and Helmet.js