

# Chensheng Xu

✉ chensheng.xuxu@gmail.com ☎ 647-987-8219 📍 Toronto, ON, Canada 🌐 luuu-xu 📁 Portfolio

A passionate self-starter with strong critical thinking and **problem-solving** skills. Started online business during university out of **passion**, and continued the **entrepreneurship** into a full-time business. Began fascinated in how websites are created and started **self-learning**, developing, deploying, and contributing to open-source projects. **Eager to learn** and adapt to industry where amazing services are designed, realized and **provided for everyone**.

## Skills

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JavaScript | TypeScript | Python | React.js | Next.js | Vue.js | Django | Redux | Chart.js  
HTML/CSS | Node.js | Express | MongoDB | Redis | MySQL | PostgreSQL | Jest | Postman  
Bootstrap | Tailwind | Firebase | OAuth | JWT | Docker | AWS | Git | GitHub

## Experience

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### Full Stack Developer 2022 – present

- Self-taught full-stack web development, developed personal **MERN projects** with various tech stacks.
- Utilized **API-first design** developing and deploying full-stack projects independently with frameworks like **React.js** and **Node.js** and continued learning new frameworks and skills for building new projects.
- Designed and optimized back-end **database structures** for projects with MongoDB's document-based features.
- Contributed in **open-source projects** including managing full-site **a11y** improvements.
- Implemented new **features** and fixed known **issues** for both front-end and back-end open-source projects based on React.js, Vue.js and Rails, etc.

### Online Business Owner 2018 – present

*xuleathers* 🌐

- **Founded** online business, selling and making high-end bespoke leather products for individual clients around the world.
- Created web shop based on Square online services. Utilized **e-commerce platforms** like Etsy and Instagram Shop to list products, promote shop, and managed marketing campaigns.
- Coordinated with individual clients to **create unique designs** for products, meeting clients' requirements.
- Established and maintained great **relationships with clients** to bring recurring orders from previous trusted clients. Supported clients with after-services and **resolved issues** upon completing orders.
- Analyzed **sales and marketing data** from selling platforms, adapting to style trends, highlighting and perfecting core products, adjusting prices meeting changing demands.

## Projects

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### Odinbook 🌐

*Full-stack Facebook-clone Website*

- A Facebook-clone website project using MERN (MongoDB, Express, React, Node.js) stack with Next.js.
- Developed RESTful API with **Test Driven Design** (jest & supertest) allowing CRUD actions from API endpoints.
- Implemented **authentication** with NextAuth and Passport.js for credential sign-up/log-in, Facebook log-in and JWT.
- Designed front-end with Next.js and Bootstrap where **responsive design** was prioritized.

### Risk Visualizer 🌐

*Front-end Interactive Data Visualization*

- Interactive **data visualization** app built on Next13 in TypeScript, displaying climate risk predictions trends on users input.
- Implemented Google Maps SDK integration for a **fully interactive map**, accompanying interactive react-table and Chart.js.
- Utilized Redux for complex **state management** due to the complicated nature of user interactions of the app.

## Education

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University of Toronto

*Economics Specialist Program - Bachelor of Arts*

2015 – 2019