ZHENNI LIN

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Education

Stockholm University   **Aug. 2023 – June 2025**
Master of Science in Information Security   *Stockholm, Sweden*

Projects   Portfolio

The Wild Oasis | *Vite, React, Styled-Component, Supabase*   **February 2024**
- Developed a **full-stack application** for a small boutique hotel with 8 luxurious wooden cabins , incorporating **Supabase** for backend data management and authentication, and implementing **React Router** for project routing.
- Created an internal system for staff to check hotel bookings, cabins, and handle guest check-ins and check-outs.
- Utilized **React Query** for remote state management and **Context API** for UI state management to enhance data handling, allowing for **CRUD operations** on bookings, cabins, and check-in/check-out data with Supabase.
- Styled the application with **Styled-Components** and implemented form management with **React Hook Form**, integrating libraries such as **React Hot Toast**, **Recharts**, **React Icons**, and **date-fns** for components.

Fast React Pizza App | *Vite, React, React Router, Redux, Tailwind CSS*   **December 2023**
- Built a **single-page application (SPA)** using **Vite** and **React**, incorporating React Router for routing and data.
- Utilized **React** Router's data loading to manage the global remote state, enhancing interactivity and responsiveness.
- Styled the project with **Tailwind CSS**, resulting in a visually appealing and user-friendly interface for interaction.
- Implemented global UI state management using **React Redux**, **Redux Toolkit**, and **Redux Thunk**, enabling users to seamlessly order pizzas and have them delivered to their homes.

Mapty APP | *Vanilla Javascript, CSS, HTML OOP, Leaflet*   **October 2023**
- Developed a sports tracking app to mark cycling and running routes using interactive maps.
- Implemented with **Vanilla JavaScript**, **CSS**, **HTML** using **OOP** to structure the architecture.
- Integrated geolocation API and the Leaflet library to fetch and display user's real-time geographical position, enabling users to tag and interact with their sports activities on the map.

Experience

Euromonitor International   **Jul 2022 – Sep 2022**
Part-time assistant - Market Research Project   *Hangzhou, Zhejiang*
- Produced detailed market analysis reports through collaborative teamwork, leveraging tools such as ThinkCell, Excel, and PowerBI to deliver actionable insights and new market directions to clients.
- Utilized structured interview techniques to collect data on company's market size, engaging with various internal stakeholders to ensure the accuracy and relevance of information.
- Performed extensive field research across domestic battery lines, negotiating and collecting data from dealers, and enhancing the data collection process through direct interactions.
- Employed Tableau for data integration and visualization, analyzing competitors and presenting market trends effectively to aid strategic decision-making.

China Family Panel Studies   **Jul 2020 – Aug 2020**
Interviewer and Data Collection   *Hangzhou, Zhejiang*
- Enhanced community governance by collecting data for a social policy support monitoring platform.
- Expanded the observation network significantly by conducting twenty in-depth online interviews with both urban and marginalized residents.
- Showcased teamwork by collaborating in a virtual environment for data collection and management.
- Demonstrated communication skills in engaging diverse communities and facilitating project deliverables.

Relevant Coursework

- Operating System
- Computer Network
- Python Programming
- Database Management
- Information Security
- Digital Forensics
- Cyber Security
- Network Security

Technical and Additional Skills

Programming Languages: HTML/CSS, JavaScript, Java, Python, SQL
Other Technologies: React, Vite, Node.js, Express.js, Next.js, Supabase, Convex, MongoDB
Language: Fluent in English and Mandarin(native), basic Cantonese and Swedish