

Zitong Liu

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SKILLS & TOOLS

Data Analysis & Visualization: SQL, Python, R, and Power BI.

Information System Design: Draw.io, StarUML.

UX/UI Design: Figma, Sketch, Adobe XD.

EDUCATION

University of Toronto 09/2024-05/2026

Master of Information in Human-Centred Data Science and Information System Design

Core Course: Programing for Data Science, Statistics for Data Science, Data Modeling and Database Design

Emily Carr University of Art & Design 09/2016-05/2020

Bachelor of Design in Interaction Design

Core Course: Making Data Interactive, Web Essentials, Creating Networked Objects

WORKING EXPERIENCES

Shanghai Jiafu Shangzhi Energy Technology Co., LTD | Python, Power BI Shanghai, China

Product Manager 01/2024-06/2024

- **Data Visualization:** Designed a real-time data visualization dashboard for a digital twin platform using Python, increasing energy efficiency tracking by 25%
- **ERP System:** Designed and implemented an ERP system, automating workflows for 1,000+ employees and reducing manual processes by 40%
- **Collaboration:** Collaborated with cross-functional teams to optimize data integration pipelines, improving system scalability and reliability

Shandong Yunshixin Intelligent Technology Co., LTD | Python, R, Figma Xi'An, China

Product Manager 03/2023-12/2023

- **User Interaction:** Led the end-to-end design of a smart campus digital twin platform, combining Figma-based user experience design with Python-driven data analysis to deliver actionable user interaction insights
- **Data Analysis:** Conducted statistical analysis and predictive modeling in R, improving platform functionality for educational institutions and boosting user engagement by 30%
- **Communication:** Responsible for the communication and collaboration between various departments, from front-end to back-end, allows everyone to work more efficiently

AWARDS

- **Second-level case of the Smart Campus Ethereum Network Construction in China:** Xixian New District Tieyizhong Jinwan High School has selected by the China Construction Industry Association as the second-level case of the Smart Campus Ethereum Network Construction.

ACADEMIC PROJECTS

EatNow (Food Delivery Application) | Data Analysis Project 01/2025-04/2025

- A data-driven analysis project focused on optimizing food delivery efficiency using real-world order, customer, and rider datasets. Applied Python (Pandas, NumPy) for data cleaning and transformation, and conducted exploratory data analysis to identify key factors influencing delivery time and customer satisfaction.

Digital Health Platform for University Health Network | System Design Project 01/2025-04/2025

- A patient-centric digital health platform focused on secure data architecture and system interoperability to improve the existing data storage methods of the University Health Network (UHN). Designed the authentication system, data cloud storage, database layer, etc., so that patients, doctors, nurses and other relevant personnel have different access permissions to the platform to ensure scalability, privacy compliance (PHIPA) and operational efficiency.