

Yan Lu

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EDUCATION

University of Michigan

Sep. 2023 – Exp. Aug. 2025

Master of Science in Information

- **Coursework:** Information Retrieval, SQL & Databases, Data Mining, Database App Design, Web Design

Shanghai Jiao Tong University

Sep. 2020 – Exp. Aug. 2024

Bachelor of Science in Electrical and Computer Engineering

- **Coursework:** Computational Methods for Statistics and Data Science, Intro to Artificial Intelligence, Data Structures and Algorithms, Intro to Computer Organization, Modern Web Application Development

INDUSTRY INTERN

Meituan, Shanghai, China

Data Product Manager Intern

Dec. 2022 – Apr. 2023

- **Project Background:** “Know Your Customer” project group serves as a data center in the Internet giants, analyzing users’ data information to better understand their identity, background, and purpose
- **Data Exploration:** Analyze and evaluate 10+ possibly available datasets from other business groups
- **Data Integration:** Lead the developers to construct and go online 5+ data tables according to themes
- **Data Mining:** Construct 10+ specific customer group tags and analyze their financial risk level

SELECTED PROJECTS

Map Search, Geoscience DataExpo

May. 2022 – Dec. 2022

Product Manager, Data Analyst

- **Project Background:** This project is STJU IIOT Lab’s cooperative program with the Deep-time Digital Earth and Chinese Academy of Science, which is a demonstration program of “Big data + AI” and aims to extract and visualize the spatial and temporal information of certain geoscience data websites
- **Management:** Manage requirements, plan the project cycle, research similar products, interface with front-end and back-end engineers, make product iteration plans, coordinate resources in 6 months
- **Design:** Compose product requirement document, design the prototype drawing
- **Coordination:** Collect feedback, develop improvement plans and guide front-end and back-end engineers in product iteration, solve development problems, and promote project progress at a weekly frequency
- **Dara Mining:** Extract spatial-temporal information from 30k+ geoscience data

Final Product: <https://dataexpo.deep-time.org/#/map?key=&sub=All>

Integrated documents: <https://sjtu.feishu.cn/docx/JYVUd50LMoojr6xXPQ3cOEvtNqq>

JI Focus

May. 2021 – present

Product Manager, Software Developer, Website Developer

- **Project Background:** This project aims to integrate necessary resources that students may need in daily school life
- **Demand Analysis:** Investigate students’ needs for resource integration and collect proposals
- **Software Development and Propaganda:** Develop APP with 600+ (>50% coverage) downloads in 1 month
- **Web Development:** Deploy and register a website on a cloud server based on open resources

APP Download: https://mp.weixin.qq.com/s/-uSeT4d8JOR_G5BFetziZq Homepage: <https://jibelief.cn/>

EXTRACURRICULAR

Student Union, UM-SJTU Joint Institute, SJTU, Shanghai, China

Jun. 2021 – Jun. 2022

President

- Lead the presidium to manage the *Student Union* and maintain the WeChat Official Account
- Collect students’ proposals and organize activities of *JI Student Union* serving 1000+ JI students

HONORS & AWARDS

The John Wu& Jane Sun Merit Scholarship

Nov. 2022

Shanghai Jiao Tong University Merit Student

Nov. 2021

SKILLS

Python, R, C/C++, SQL, MongoDB, Neo4j, MATLAB, COMSOL, Arduino, SOLIDWORKS, Origin, Cloud Server