

# Yancy Zhang

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Github <https://github.com/yuanxizhang> | blog <https://yuanxizhang.github.io/>

## Summary

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Full stack web developer with six years experience in database design and data analysis in the financial industry. Bring strong analytical skills to tech projects with the desire to build projects that improve user experience.

## TECHNICAL SKILLS

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Python, Ruby, Rails, SQL, SAS, Javascript, React, Test Driven Development

## TECHNICAL PROJECTS

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**Travel Project** - Github <https://github.com/yuanxizhang/travel-project>

A Single Page Application built with Javascript frontend and Rails API backend that helps users plan their vacations.

- Developed a RESTful Rails API with endpoints for travelers, travel plans, tour offers, and tour providers.
- Configured the controllers to render JSON data in response to AJAX fetch requests.
- Set up event handlers and listeners to make AJAX requests to the endpoints in the app's API.

**Book Lessons** - Github <https://github.com/yuanxizhang/book-lessons> | Demo <https://book-lessons.herokuapp.com/>

A Ruby on Rails app that helps users book lessons to improve their skills, read and post review of instructors.

- Designed and built the frontend of the app with HTML, CSS and Bootstrap.
- Used Google OAuth2 for user authentication.
- Employed bcrypt Ruby gem in the backend to encrypt password.
- Designed the database schema and coded all the database logic using ActiveRecord and PostgreSQL.

**Book Club Literature Log** - Github <https://github.com/yuanxizhang/book-club-literature-log>

A Sinatra application that helps book club members to keep track of their reading logs and book club meetings.

- Architected the app with MVC design pattern.
- Built the database schema and configured ActiveRecord association.
- Implemented user authentication and authorization.

**No\_Starch\_Press** - Github [https://github.com/yuanxizhang/no\\_starch\\_press](https://github.com/yuanxizhang/no_starch_press)

A Command Line Interface app that scrapes the No Starch Press web site to help users find books by topics.

- Used Nokogiri for web scraping.
- Built the ruby gem using Object Oriented Design principles.

## EXPERIENCE

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After School Program Staff, **Yu Ming Charter School**, Oakland, CA

09/2019 - Present

- Implement learning activities for the purpose of improving students' academic and social skills, Assist students with lesson assignments, tutor middle school students on writing English and Chinese essays.

MIS Analyst, **Capital One**, Las Vegas, NV

03/2012 - 12/2013

- Developed Key Performance Indicators and scorecards to monitor credit card application volumes and approval rate by portfolio for Credit Operations. Designed SQL queries and wrote SAS programs to obtain credit card application data to improve credit quality.

Business Information Analyst, **HSBC Card Services**, Las Vegas, NV

05/2001 - 01/2009

- Performed data analysis based on customer experience survey results and developed monthly and quarterly customer satisfaction reports for different call centers and different portfolios, worked on implementing new strategies to improve customer experience.

## EDUCATION

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**University of Washington**, Seattle, WA

Coursework completed towards a Master of Arts degree in Sociology

**Renmin University of China**, Beijing

Master of Arts in Economics

Bachelor of Arts in Economics