

# Xue Yu

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## Technical Skills

**Programming:** Python 3, JavaScript ES6+, SQL, HTML5, CSS, D3

**Front-end:** DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit

**Back-end:** Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ

**System design:** Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

## Application Development Experience

**Full-Stack Engineer, ANCHOR** | [gitlab.com/maxbs/anchor](https://gitlab.com/maxbs/anchor) 2023

A software engineer community for job searching and information sharing.

- Built FastAPI back-end microservices that interact with the PostgreSQL database.
- Applied the JWTdown authentication system to authenticate individual and company users.
- Constructed dynamic webpages using React to allow two types of users to access different functions.

**Skills:** Python 3, FastAPI, PostgreSQL, Docker, React, JavaScript, HTML5, CSS

**Full-Stack Engineer, Dealer Management System** | [gitlab.com/xue\\_yu/project-car-management-sys](https://gitlab.com/xue_yu/project-car-management-sys) 2022

A dealer management app that allows users to add and view car inventory, sales, and service appointments.

- Built Django microservices in Docker for functionality in design and scalability.
- Used a polling method to share data between microservices.
- Constructed dynamic front-end webpages using React, gathering and showing input information by connecting with the backend RESTful APIs.

**Skills:** Python 3, Django 4, Docker, React, JavaScript, HTML5, CSS

**Full-Stack Engineer, Project Tracker** | [gitlab.com/xue\\_yu/project-tracker](https://gitlab.com/xue_yu/project-tracker) 2022

A Django application that allows users to track their projects and tasks.

- Applied Django form system to manage the application account creating, login, and logout system.
- Implemented Django authentication system to allow only logged-in users to view project and task lists and details and create and edit the details.

**Skills:** Python 3, HTML5, CSS, Django 4

## Education

Georgia Institute of Technology, Atlanta, US. - *M.A. Analytics* Start from Jan 2023

Hack Reactor, - *Software Engineering Immersive Certificate* 2022

Wuhan University, Wuhan, China. - *Ph.D. Marketing* 2020

University of Washington, Seattle, US. - *Visiting Researcher* 2018

## Publications

The Substitute Effect of Internal R&D And External Knowledge Acquisition in Emerging Markets: An Attention-Based View. European Journal of Marketing. Tao Wang, Xue Yu, Nan Cui. May 5, 2020.