

# Mengchen Wang

[wang.mengc@northeastern.edu](mailto:wang.mengc@northeastern.edu) | [linkedin.com/in/mcwang1027](https://www.linkedin.com/in/mcwang1027)

## EDUCATION

### Northeastern University

*Master of Science in Computer Science*

Boston, MA

Aug. 2023 – May 2026

### Columbia University

*Master of Arts in Statistics*

New York, NY

Aug. 2019 – Feb. 2021

### Hunan University

*Bachelor of Science in Statistics*

Changsha, China

Sep. 2015 – Jun. 2019

## SKILLS

**Languages:** Java, JavaScript, SQL, Python, Spark, R, MATLAB, HTML, CSS

**Frameworks & Tools:** Bootstrap, React, Next.js, Node.js, Express.js, MongoDB, PostgreSQL

## EXPERIENCE

### Senior Data Scientist

*SF Express Co., LTD*

Mar. 2021 – Aug. 2023

Shenzhen, China

- Created Corporate Portrait with 150 features such as corporate attributes and logistics behaviors, and participated in developing new business customers recommendation for sales personnel.
- Utilized *NLP* and Classification algorithms like *DBSCAN* and *KNN* on logistics data to identify potential business customers and constructed a Knowledge Graph of upstream and downstream relationships for over 10 million companies based on logistics and bidding data.
- Implemented *NER* (Named Entity Recognition) algorithm to restore 30 million non-standard enterprise names in logistics data with an overall recall rate of 85%, and correct rate of 90%.
- Developed and packaged functional *API* interfaces and User Defined Function tools, including a *UDF* for encrypting and decrypting mobile phone numbers and address using a secret key.

## PROJECTS

### Today I Learned | *HTML, CSS, JavaScript, React, Supabase*

July. 2023 – Aug. 2023

- Utilized HTML and CSS to craft page components and layouts, implementing JavaScript to incorporate data into the application and transforming it into an interactive user experience.
- Leveraged Supabase APIs for data handling, enabling users to submit, evaluate, and categorize facts, and integrating Supabase's authentication for secure user access and data protection.
- Implemented React to elevate app functionality, while managing state and side effects using hooks in functional components, and deployed the final project on Netlify for sharing.

### YelpCamp | *Node.js, Express.js, EJS, JavaScript, Bootstrap, MongoDB*

July. 2023 – Aug. 2023

- Developed and deployed a full-stack YelpCamp website on Render, implementing CRUD functionality and achieving authentication and authorization using Passport.js for robust data management.
- Designed data schemas, implemented middleware for data validation, and stored campgrounds, reviews, users, and session data in MongoDB Atlas, ensuring effective data management for the application.
- Integrated Cloudinary and Mapbox APIs to enable image upload, storage, and modification functionality, while showcasing campground locations based on geospatial data through map visualization.