

# Yun Du

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Targeting **Data/Database & Software & DevOps Engineer** Full-time Positions

## Education

### Texas A&M University

Aug. 2022 – May 2024

Master of Science, Computer Engineering - Computer Science Track

College Station, TX

**Awards:** Grad Pgm Fee/Schol-Fellowships, COSC Graduate Program Scholars, GHC'23 Student Scholarship

**Relevant Coursework:** Software Engineering, Analysis of Algorithms, Machine Learning, Construction Info Technology(DataBase), Operating System, Data Mining & Analysis

### Zhongnan University of Economics and Law

Sep. 2016 – June 2020

Dual Bachelor of Management Science, Construction Engineering Management & Accounting

Wuhan, China

## Skills

**Programming Languages:** Java, SQL, Python, JavaScript/Typescript, MatLab, HTML5/CSS3, LaTeX, Markdown, C++  
**Frameworks & Libraries :** SpringBoot, Vue, Bootstrap, React, VitePress, MyBatis, Maven, Apache Tomcat  
**Databases:** Oracle(NetSuite), MySQL, Redis, PostgreSQL, MongoDB, JSON/XML  
**System & Tools:** Linux, Vim, Git/GitHub, JUnit, Lombok, Heroku, IntelliJ IDEA, VS Code  
**Others:** MS Project, Lean Productivity(Management), Visio, AutoCAD, Revit, On-Screen Takeoff, Photoshop

## Experience

### US Cabinet Depot | [uscabinetdepot.com](http://uscabinetdepot.com)

May 2023 – Aug. 2023

IT Intern — SQL, Oracle NetSuite, MySQL, VitePress, Git/Github, Magento, Celigo, BaseCamp

Marietta, GA

- Provided technical support to the accounting department by generating financial reports and managing data in **Oracle NetSuite** and **MySQL** using **SQL**
- Developed user guides for an Application and a Web platform using **Vitepress(Vue.js/Typescript/CSS)** and **Git/GitHub** version control
- Utilized **Celigo** to resolve daily errors between **Oracle NetSuite** and **Magento**, ensuring warehouse business operations
- Collaborated effectively with international IT teams through weekly meetings to manage projects using **Basecamp**

### Texas A&M Engineering Experiment Station | [tees.tamu.edu](http://tees.tamu.edu)

May 2022 – Dec. 2022

Student Assistant — Python, Machine Learning, Deep Learning, Linux

College Station, TX

- Collaborated with the lab team to prepare digital signal datasets using **LabelImg** on **Ubuntu** for deep learning models
- Configured the environment and optimized hyperparameters for training a **Transformer** model on predicting radar spectrum occupation dataset using **TAMU HPRC**
- Achieved a **15%** increase in test accuracy by selecting an optimal hyperparameter combination and thoroughly testing the model

## Projects

### Web Book Management System V1.0, V2.0, V3.0 | Personal Project

Feb. 2023 – Present

Java, Maven, MyBatis, MySQL, JavaScript, HTML/CSS, JUnit, Lombok, Git

🔗 [V1.0](#) 🔗 [V2.0](#)

- (V1.0) Implemented the core functionality of the book management system using **Java** enable users to add, edit, delete, modify, and query book information, student information, and borrowing history
- (V2.0) Developed a professional and intuitive web page using **HTML/CSS/JavaScript**
- (V2.0) Utilized **MySQL/MyBatis** to store books, students, borrow information
- (V2.0) Tested the web service with **unit tests(JUnit)** and integrated a logging system for monitoring system activities and troubleshooting

### My Math Apps Store | Course Project

Jan. 2022 - May 2023

Typescript, React, Nest.js, MySQL, Yarn, Cucumber, Jest, Docker, Heroku, Git

🔗 [MyMathAppSpring2023](#)

- Collaborated with a team to create an online math textbook store with payment integration, content access, and user-friendly features
- Conducted front-end and back-end testing utilizing **Cucumber** and **Jest** to automate test cases and ensure proper functionality

## Leadership/Extracurricular

### University Women's Table Tennis Team

Sep. 2021 - Present

Captain & Certificate of Chinese National Second-Level Table Tennis Athlete

[nctta.org](http://nctta.org) | [teamusa.org/usa-table-tennis](http://teamusa.org/usa-table-tennis)

- Represented University team competing at regional and national level tournaments