

# Lu Qi

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Personal Portfolio: <https://lusportfolio.vercel.app/>

## SUMMARY

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- Computer Science Major.
- As an enthusiastic team player, I thrive in collaborative environments and pursue organizational excellence.
- I possess expertise in Java, Python, Spring Boot, SQL, MongoDB, AWS, React, Next.js, and Angular, having successfully completed projects utilizing these technologies.
- Rapidly adaptable and consistently immersed in emerging technologies.

## EDUCATION

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**University of Texas at Dallas**

*Bachelor of Computer Science*

Sept. 2019 - May. 2023

## TECHNICAL SKILLS

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### Languages/Tools/Frameworks/Concepts

- Java, Spring Boot, Python, SQL
- Azure Cloud, React, Next.js, Angular, AWS, CI/CD, JavaScript, HTML/CSS, Sanity
- MySQL, SQL server, MongoDB
- Microsoft Office, Photoshop, After Effect, Stable Diffusion, DaVinci Resolve

## PROJECTS EXPERIENCE

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### **EquiTeach, an online tutoring platform focuses on offering more educational resources to low-income families**

*First place in the Amazon challenge, Second place for the Goldman Sachs challenge, Third place for the State Farm challenge for HACKDFW*

- Using React framework to implement login feature and part of the dashboard based on the ESG score.
- Creating a web scraper to gather information for analyzing companies' environmental impact. Together with the financial data from Yahoo finance API, ESG scores are concluded (A score that is based on environmental, social, and governance information of companies gathered from online sources) and used to determine the justified amount companies should donate.
- Participating in the construction of a database system using DynamoDB and setting up the schema for sections including user information and company data.
- Using React Native to design and implement the user profile and login section of the corresponding mobile application that is used for live communication between tutors and students.

### **Online book store "Between the Lines", a book store that focuses on providing convenience and security**

*Designer*

Sept. 2022 - Dec. 2022

- Using Angular framework to construct the home page of the store, which includes templates for displaying details of goods, providing a filter feature for advanced search, and a user login card.
- Designing database schema for user and order information such as name, address, payment methods, and order numbers.
- Designing and helping implement MVC routes for user and order management.

### **Senior Project "Tutor King", a web application that provides a platform for students and tutors to schedule meetings**

*Team Lead*

Jan. 2023 - May. 2023

- Recruiting members and designing project proposals.
- Communicating with members and team progress management using Trello.
- Providing essential technical support to team members who do not have much background knowledge.
- Implementing part of the home page that displays the tutor's personal profile for students to view and the user's profile page to edit their personal information and lecture schedules.

## INTERN EXPERIENCE

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### **Local Tax Office**

*Assistant*

Feb. 2019 - Jul. 2019

- Responsible for organizing and digitalizing tax documents.
- Assisting colleagues in completing customers' tax forms.
- Using Excel to gather and organize important personal information of customers.