

# Lu Qi

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

## SUMMARY

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- Computer Science Major student.
- Leader and team worker, love to participate in group projects and always aim for the best.
- Have experience and done projects using Java, MongoDB, AWS, React, Next.js, Python, Angular.
- Quick Learner and always engaged in new technologies.

## EDUCATION

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### University of Texas at Dallas

*Bachelor of Computer Science*

Sept. 2019 - May. 2023

- **Courses:** Computer Architecture, Digital Logic and Computer Design, Operating System Concept, Automata Theory, Network Security, Software Security, Artificial Intelligence, Database Design

## TECHNICAL SKILLS

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### Languages/Tools/Frameworks/Concepts

- Java, Python, SQL, JavaScript, HTML/CSS
- React, Angular, MongoDB, AWS, CI/CD, General Algorithms, Next.js, MySQL
- Microsoft Office, Photoshop, After Effect, Stable Diffusion, DaVinci Resolve
- English (Fluent in English), Mandarin (mother tongue)

## PROJECTS EXPERIENCE

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

*First place of the Amazon challenge, Second place for Goldman Sachs challenge, Third place for State Farm challenge for HACKDFW 2021*

- Using React framework to implement login feature and part of the dashboard based off the ESG score.
- Creating 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 off environmental, social, and governance information of companies gathered from online sources) and used to determine the justified amount companies should donate.
- Participating in construction of database using DynamoDB and setting up schema for sections including user information and company data.
- Using React Native to design and implement the user profile and login section of corresponding mobile application that is used for live communication between tutors and students.

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

*Designer*

Sept. 2022 - Dec. 2022

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

### Senior project "Tutor King", a web application provides platform for students and tutors to schedule meeting

*Team Leader*

Jan. 2023 - May. 2023

- Recruiting members and designing project proposal.
- 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 home page that displays tutor's personal profile for students to view and 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 digitalize tax documents.
- Assisting colleagues to complete customers' tax form.
- Using Excel to gather and organize important personal information of customers.