

Lu Qi

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

PROFESSIONAL SUMMARY

University of Texas Computer Science Graduate with a demonstrable track record of driving results and fostering collaborative team work to achieve shared objectives. Skilled in a variety of programming languages & database software such as Java, Python, SpringBoot, React, and SQL. Renowned among peers for unwavering dedication and a profound passion for achieving excellence.

EDUCATION

University of Texas at Dallas

Bachelor of Computer Science

Sept 2019 - May 2023

PROJECTS EXPERIENCE

EquiTeach

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

<https://devpost.com/software/equiteach>

Team Member

Oct 2021

- EquiTeach was an online tutoring platform aimed at providing enhanced educational resources to low-income families. By analyzing companies' ESG scores, we calculated the appropriate amount they should contribute in donations.
- Responsible for the use of React framework to implement login and partial dashboard features. The dashboard displayed companies' information based on their ESG (Environmental, Social, Governance) scores, which were used to determine the appropriate donation amounts from companies.
- Solely developed a Python-based web scraper designed to efficiently gather the environmental impact of various companies. Combined with financial data obtained via the Yahoo finance API, ESG scores were calculated and used to determine the justified amount companies should donate.
- Worked collaboratively as part of a wider team to construct a database system using DynamoDB and set up the schema for sections including user information and company data.
- Proficient in React Native having implemented a user profile and login section for the corresponding mobile application. The application was used for live video communication between tutors and students and course information/note collection at the same time.

Between the Lines Online Book Store

<https://btl-books.com/>

Designer

Sept 2022 - Dec 2022

- Developed the home page of an e-commerce store using Angular, creating templates for book details display.
- Implemented a dynamic search filter in JavaScript, enabling users to search by item name, price, and genre, with real-time SQL query modification.
- Designed and integrated a user and order database schema, connecting them through a "user_id" primary key, and developed user-friendly MVC routes for efficient user and order management.

Personal Blog Site

<https://peronal-blog-eta.vercel.app/>

Sole Developer & Designer

May 2023 - July 2023

- Utilized React with Tailwind CSS and Framer Motion for front-end development.
- Established a robust backend system for blog content management, employing Sanity Studio's cloud service.
- Enabled user authentication through OAuth and Firebase, offering login options via Google and GitHub accounts, and implemented a customizable comment system with moderation capabilities for blog posts.

TECHNICAL SKILLS

Languages/Tools/Frameworks/Concepts

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

References Available on Request