

Zohaib Ahmed

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EDUCATION

Saint Louis University

Bachelor of Science in Computer Science | GPA: 3.75

St. Louis, MO

Aug 2020 – May 2024

EXPERIENCE

Java Engineer Intern

Enterprise | Fleet Management

May 2023 – Aug 2023

St. Louis, MO

- Pair-programmed with experienced engineers to drive the development of Vue/Spring Boot applications utilizing Java and Javascript to implement new features and complete Jira tickets.
- Collaborated on an Agile team to address critical business needs and ensure the smooth operation of multiple internal applications.
- Implemented and deployed comprehensive test suites for key services using JUnit and Mockito, ensuring the quality and reliability of the system's automated testing.

Teaching Assistant

Saint Louis University | Object-Oriented Software Design

Jan 2023 – Present

St. Louis, MO

- Assist professor in grading assignments and exams for class of 20+ students through use of JUnit testing and manual code review.
- Organize weekly review sessions and office hours to assist students with understanding course material and problem sets.
- Utilize knowledge of software design principles to provide guidance on best practices and design patterns.

Software Developer Intern

LingoTutors

Jan 2022 – May 2022

St. Louis, MO

- Developed web application features in PHP within the Laravel framework to improve the user experience, and increase the functionality of the application.
- Worked in an Agile development environment, participating in weekly stand-ups and retrospectives, and contributing to the development of project management tools and processes.
- Utilized Git for version control and code review, which helped to ensure code quality and maintain a clear development history.

PROJECTS

researchGPT | Python, GPT, Langchain

July 2023 – Aug 2023

- Developed a chat interface with an autonomous agent that finds relevant research articles on a given topic, vectorizes them, and provides QA to a user.
- Utilized the Langchain framework to create a pipeline for GPT to query the Semantic Scholar database for research and create embeddings to reference in a conversational manner.

Atlas | Javascript, GPT, Next.js, Bootstrap

Jan 2023 – Feb 2023

- Created a full-stack chatbot application using base GPT to provide conversational advice on achieving fitness-related goals.
- Utilized React framework, Next.js, and Bootstrap styling to create a seamless, elegant user experience.

COURSEWORK

Current: Capstone Project, Artificial Intelligence, Machine Learning, Deep Learning

Completed: Software Engineering, Databases, Algorithms, Data Structures, Object-Oriented, Programming Languages

TECHNICAL SKILLS

Languages: Python, Java, SQL (mySQL), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Next.js, JUnit, Langchain, Spring Boot, Gradle

Developer Tools: Git, Agile, VSCode, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, PyTorch