

Syed Ali Safi

03298843004 | alisafisyed@gmail.com | github.com/alisafisyed

EDUCATION

Lahore University Of Management Sciences

Lahore

Bachelor of Science in Economics and Political Science, Minor in Computer Science

Aug. 2021 – May 2025

Key Minor Courses: Introduction to Problem Solving, Introduction to Programming, Fundamentals of Computer Systems, Discrete Math, Data Structures, Algorithms, Databases, Operating Systems, Software Engineering, Advanced Programming, Data Science, Artificial Intelligence, Senior Project

EXPERIENCE

International Research Assistant

May 2023 – June 2024

University Of Western Ontario

London, Ontario

- Development and Evaluation of Subjective Metrics to evaluate AI generated images.
- Explored architectural differences of LLMS and evaluated the quality of images produced using both human subjective assessments and objective metrics.
- Objective Metrics Validation and Correlation.

Software Development Intern

July 2024 – Present

Soop

Lahore, Pakistan

- Developed a React Native app, Parchay, for an ed-tech startup, allowing users to solve tests and earn rewards.
- Integrated APIs and implemented core app features and ensured smooth functionality.
- Collaboration with manager and other developers.

PROJECTS

MigraineTracker | *ReactNative,,ExpressJS,Flask,Mongo,Javascript,Python*

May 2024

- Developed a full-stack React Native application with ExpressJS back-end and React Native front-end
- Allowed users to input their symptoms and get correlations and recommendation to improve their using Machine Learning Techniques

PayElectric | *FastAPI,Git,SQL*

December 2024

- Developed a web application that allowed users to pay their electrical bills
- Developed PL/SQL stored procedures to handle core business operations
- Integrated with Oracle DB, utilized SQL queries and PL/SQL Stored Procedures
- Dynamic Api Endpoints for Bill Management

Parchay | *React-Native,ExpressJS,MongoDb,JavaScript*

August 2024

- Developed a React Native application that allowed users to solve tests and earn rewards
- Personalized tests for users preferences
- Used Context API for state management
- Used Web sockets for real time user to user chat functionality

TradingApp | *React, ExpressJs, Mongo, NodeJs,*

October 2024

- Developed a small scale trading app that allows users to trade.
- Used Websockets for real time trade information

Other Projects: Memory Allocator, Threading Library, File System, Exploratory Data Analysis, Data Visualization projects

TECHNICAL SKILLS

Languages: Python, C/C++ ,Mongo, JavaScript, TypeScript, SQL, PL/SQL, HTML/CSS, Matlab, Assembly

Frameworks: React,React-Native, Node.js,Express JS, Flask, , FastAPI,

Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Android Studio, ThunderClient, Postman, Figma, Stata , Jupyter Notebook, Google Colab, Expo Go, Vite

Libraries: pandas, NumPy, Matplotlib, Redux, ContextApi, Axios, Firebase Auth, Firebase Cloud messaging, Socket.io, Material-UI,React Bootstrap, React Lazy Load, React Memoize, react-i18next