Muhammad Hammad Sani

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EDUCATION

2019 - Present

Undergraduate

BS Computer Science, Namal University Mianwali
- Expected Completion: May, 2024

Experience

August, 2023 - October, 2023

Internship at Arbisoft

I worked on scrapping using scrapy and spent my most of the time in learning how to write clean code and build applications using Django

March, 2023 - April, 2023

Internship at Design Gurus

I worked on writing YAML configurations for testing user code against Example Test Cases and Internal Cases. When user will run his code, a driver code, for Python, Java and JavaScript, in YAML file run on the server to test user's code.

January, 2022

Open Source Contribution

I am Open Source Enthusiast and have made contributions to Open source. I have completed Hacktoberfest, 2022 (An event regarding open source in October) and contributed to other projects. Link: Version Modification in Kubernetes-Client

PROJECTS

Quiz Hosting Web Application [Django, Deployment on EC2]

To overcome the problem of test conduction for hiring using MCQ tests, I designed a Quiz Hosting Web Application using Django and then deployed on AWS. Some of the main features were adding many quiz attempters at once by adding their emails in an excel file. Email notifications, announcements, discussions, auto-grading. I designed the ERD, then converted ERD to Django Models and then did the implementation. Ensure Clean code (PEP-8) practices.
Link (GitHub): Quiz Hosting Website

Legal Document Analyzer [Python, Django]

I worked on a simple Django application that used the model designed by my group-mate that analyze the legal documents and classify them. I implemented the authentication, pdf file uploading and then integrating the model that takes the text from the file and classify the document.
Link (GitHub): Legal Document Analyzer

Arabic Dialogue Remembering Website [HTML, CSS, JavaScript]

I was learning Arabic Language and it was difficult for me to practice the dialogues. So, I made a website in which English will appear and you have to guess the Arabic.
Website Link (GitHub): Practice Arabic Dialogue

SKILLS

Languages: Python, Basic of JavaScript, HTML, CSS, SQL, Django, Database Design
Operating Systems: Linux, Windows
Databases: MySQL
Libraries: Numpy, Pandas, Matplotlib
Tools: Git, GitHub, VSCode, Pycharm, Intellij

ADDITIONAL ACTIVITIES

- Teacher Assistant (Introduction to Computer Science and Discrete Math) at Namal Univsersity. I assisted teacher in checking quizzes, assignments and guided students how they can improve.
- Head Development and Research at Namal Open Source Society and conducted events like Awareness regarding Open Source and Intro to Linux
- Teacher at Education Wing of Namal Society for Social Impact, and taught 9th class student Computer Science Course. (NSSI).