Danyal Faheem

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in https://www.linkedin.com/in/danyalfaheem/ ⌗ https://github.com/DanyalFaheem

↖ https://replit.com/@DanyalFaheem

Education

BS in Computer Science, *National University of Computer and Emerging Sciences*   09/2019 – 06/2023
Inducted in Dean's Honor List for 1st, 3rd, 4th, 5th and 6th semester; 3.72/4.00 CGPA
Member Team Tech Events for Microsoft Learn Student Ambassador

A' Levels, *Super Nova College*   08/2017 – 08/2019

Experience

Teacher Assistant, *National University of Computer and Emerging Sciences* ⧉   09/2021 – 06/2022
Assisted For the courses of Object Oriented Programming and Computer Networks
Aided professors in assessment evaluations; Developed automated test scripts

Intern, *State Bank of Pakistan* ⧉   08/2021 – 09/2021
Learned Android App Development using Java in Android Studio
Developed backend of Android App to log daily visitors of the bank

Frontend Development Intern, *Funavry Technologies* ⧉   07/2021 – 08/2021
Learned Frontend Development using the Angular Framework
Developed multiple projects using Angular such as template management forms

Skills

Languages: Python | C/C++ | JavaScript | SQL   Tools: Docker | Linux | Windows Subsystem Linux

Projects

NEWS Analytics as a Service, *An automated platform to view NEWS plotted on a map of Pakistan.* ⧉
The platform automates scraping of NEWS, extraction of focus time and focus location utilizing Apache Spark, Kafka for efficiency, plotting them on a GIS connected to a Golang API with PostgresSQL database.

Optical Mark Recognition for MCQ tests of universities using OpenCV in Python ⧉

Web Application for template management using Gridster and Calendar package in Angular ⧉

Distributed Hash Tables Emulated on Single Machine in C++ ⧉

Chain Matrix Multiplication on Distributed Systems using MPI in C++ ⧉

Android App to Log daily visitors at the State Bank of Pakistan by scanning the QR Code on NIC cards

Web application to track fitness health of gym members created using Oracle SQL with PHP frontend ⧉

Basic REST API created using Express JS and Mongo DB in Node JS ⧉

Interests and Extracurriculars

Interests: Football | Operating Systems | Swimming | Manga

Extracurriculars: Speed Programming | Swimming Gala | Huawei ICT Competition