Najam Ali Abass

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EDUCATION

FAST-National University Of Computer and Emerging Science	**08 2021 − Present**
Bs Computer Science - 2.67	*Islamabad, Pakistan*
FAST-NUCES,	**08 2020 − 07 2021**
Bs Software Engineering - 3.33	*Peshawer, Pakistan*
Aga Khan Higher Secondary School, Gilgit	**08 2021 − Present**
HSSC(I & II) - A+	*Gilgit Baltistan, Pakistan*

COURSEWORK / SKILLS

- Programming Fundamentals in (C++ and Python)
- Data Structures & Algorithms
- Operating Systems
- Information Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Image Processing
- Computer Networks
- Statistics
- Software Engineering
- Theory Of Automata

PROJECTS

Infix to Postfix and Prefix Converter ⧉ | C++, Data Structures, Stacks, Linked Lists — **MM YYYY**

- This project provides a simple implementation of a stack-based algorithm to convert infix expressions to postfix (Reverse Polish Notation) and prefix (Polish Notation) expressions. It also includes functionality to evaluate postfix expressions. **highlight key points**.
- Download

Algorithm Visualizer ⧉ | Python, Pygame — **04 2022**

- In this project we have used python language because of it's extensive librarires and easy syntax. By using the pygame library we will visualize all the sorting algorithm. By looking at the graph how data is sorted we will analyze which sorting technique perform best under a specificc situatiion. Before writing the prgoram we will setup the Enviremen for pygame and we will Install the pakages. The Gui will be provided by pygame. After installation we are good to run the python program to visualize sorting algorithms on the screen. **Insertion sort Bubble sort Merge Sort Quick Sort Count Sort Selection Sort Heap Sort Radix Sort Bucket Sort**

Task Manager ⧉ | Html,CSS,Bootstrap,Javascript,Github,Python, Flask,jinjatemplate2 — **06 2023**

- Web Application for tracking your daily tasks using flask. **Python,Flask,GitHub**.

Lisbook ⧉ | Html,CSS,Javascript,Github,Netlify — **06 2023**

- Web application for listening to books. Built with HTML, CSS, and JavaScript. Deployed on Netlify. **Open-source on GitHub**.
- Features include: **audio playback, bookmarking, progress tracking, and a user-friendly interface**.

Draw a line between the sections

INTERNSHIP

Github Education ⧉	**10 2023 − 11 2023**
Maintainer and Contributer at open source Event	*Remote, GitHub*

- About the role **Open Source , Github , Version Control , Web Development**

C3 Akademia ⧉	**10 2023 − 11 2023**
Website Developer , Headed The Graphic and Content Creator Team,	*Onsite, C3 Akademia*

- About the role **Open Source , Github , Version Control , Web Development**

Github Education ⧉	**10 2023 − 11 2023**
Maintainer and Contributer at open source Event	*Remote, GitHub*

- About the role **Open Source , Github , Version Control , Web Development**

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Dart, JavaScript, SQL, NoSQL, R, XML, Go
Developer Tools: VS Code, Android Studio, DataGrip, Goland, Intellij Idea Ultimate, Visual Studio
Technologies/Frameworks: Linux, GitHub, ReactJS, Bootstrap,Streamlit,WordPress, NextJS, Git, Mongo, Flutter

EXTRACURRICULAR

Ismaili Boy Scout Association ↗   **MM YYYY – MM YYYY**
Role   *Location*
- Helping community in need and teaching the young generation to equip their self with the latest technology. **and responsibilities carried out.**
- Participation Certificate. ↗

Comprehensive Community Care C3 ↗   **MM YYYY – MM YYYY**
Role   *Location*
- Helping community in need and teaching the young generation to equip their self with the latest technology. **and responsibilities carried out.**
- Participation Certificate. ↗

Fast Developer Club↗   **MM YYYY – MM YYYY**
Role   *Location*
- Helping community in need and teaching the young generation to equip their self with the latest technology. **and responsibilities carried out.**
- Participation Certificate. ↗