



# Syeda Wara Batool

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**GitHub:** <https://github.com/SyedaWara>

## ● ABOUT ME

Motivated and fast-learning Computer Science student with foundational web and app development knowledge. Seeking an entry-level web or mobile app development role to apply technical skills and contribute to innovative projects. Currently enhancing skills in React Native for cross-platform app development.

## ● EDUCATION AND TRAINING

09/2021 – CURRENT

**BACHELORS OF COMPUTER SCIENCE** National University of Computers And Emerging Sciences, Karachi

07/2019 – 08/2021

**INTERMEDIATE** Aga Khan Higher Secondary School

## ● PROJECTS

### Clustering Urdu News Using Headlines

- Developed an Urdu News Clustering system using Python, which **preprocesses** and **clusters** news headlines.
- Use Cosine similarity

### Parallel Implementation of Merge Sort and Quick Sort

- Applied **OpenMP** and **MPI** in C language
- OpenMP demonstrates more reliable and efficient scaling behaviour for Merge Sort in this scenario than MPI, showcasing significant performance improvements.

### Car Rental System(DriveAwayNow)

- HTML, CSS, PHP
- Developed a dynamic and user-friendly website for car rental services, incorporating seamless booking functionalities.

### Sentimental Analysis

- Applied **Data Structures** Concepts [Linklist, Hashing, Mapping, Tress, Vectors, Filling ]
- C++
- Engineered a sentiment analysis system utilizing algorithms to discern and categorize reviews as either positive or negative with accuracy, enhancing decision-making processes for businesses.

### Disease Detector

- Applied **Object Oriented Programming** Courses [ Encapsulation, Inheritance, Polymorphism, Constructor, Overloading, Abstract Class ]
- Developed a disease detection system leveraging user input to accurately identify potential health conditions, enhancing diagnostic capabilities and promoting proactive healthcare management.

## ● DIGITAL SKILLS

C,C++,C Programming | Python Language - Basic knowledge | SQL | HTML,CSS,PHP | Parallel Programming (OpenMP, CUDA) | Shell | Shell Scripting | ASSEMBLY LANGUAGE | Ms Excel | Ms Word | Pthreads | KNOWLEDGE OF DATA STRUCTURES AND OOP CONCEPTS | Information Retrieval | SOFTWARE ENGINNERING | React JS / React Native