

SALMAN BAJWA

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EDUCATION

UNIVERSITY OF CENTRAL PUNJAB, LAHORE

2017-2021

Bachelor in Computer Science (Honors) CGPA: 3.37

RELEVANT COURSES: Programming Fundamentals, Computer Organization & Assembly Language, Data Structures, Database Systems, Object Oriented Analysis & Design, Probability and Statistics, Operating Systems, Technology Entrepreneurship, Web Application Development, Artificial Intelligence, Algorithms, Intro to Software Engineering, Theory of Automata, Computer Communication & Network, Software Testing, Compiler Construction.

PROFESSIONAL EXPERIENCE

University Of Central Punjab, Lahore

Sep 2019-2020

Teacher Assistant- Computer Science Department

The Knowledge Inn

Computer Science Teacher

Feb 2018-2019

PROJECTS

- **NANNIES CARE APPLICATION --- (FYP)** Our application targets the Nannies (Women in Day Care Centers). This application provide the profile of Nannies and allow user book their desired Nanny by sitting at home. We are making a Mobile application (**React-Native**) and Web application (**MERN Stack**). If user face any difficulty in choosing Nanny our application will also recommend the Nanny for the ease of user.
- **Text Editor (Core C++)** | Develop real time text editor like VIM using the concept s of Arrays re-growing and shrinking on run time. Add different functionalities like Open existing file, Create new file, Find and replace options and many more functionalities.
- **Shopping Club (Core C++)** | Develop a shopping system by applying different data structures like Stack, Queues, Link list.
- **Tic Tac Toe VS Computer (C#)** | Develop a windows form Application. Where user can play the game with other user or with the computer.
- **Hospital Management System (PHP, MYSQL)** | Develop a Web Application with complete CRUD functionalities , Like add user, Book Appointment , Add Doctor, Delete Appointment etc.
- **Simon Game (HTML, CSS, JavaScript)** | The **Simon game** is the exciting electronic game of lights and sounds in which players must repeat random sequences of lights by pressing the colored pads in the correct order. It's fast-paced play, with lights and sounds that can challenge you.
- **Content Management System (PHP, MYSQL)** | It is a complete blogging system with complete admin functionalities. This project has different interesting functionalities like Views on a post , Like a post ,Approve or disapprove some post, comments on a post if there is a bad comment which admin do not want will be delete automatically and use different Google charts API's to represent data graphically on admin panel.
- **Travelling Salesman Problem (Python)** | Implement Travelling salesman problem by using Genetic Algorithm. A GAs are adaptive heuristic search algorithms i.e. the algorithm follow an iterative pattern that changes with time.

EXTRA- ACTIVITIES ACTIVITIES

UCP Speed Programming Competition

In this competition the student of different semester could participate. Our team stands in top 5 teams in this competition.

ACM Student Chapter

Organized different events like Programming Competition, Brainstorming etc and organized different workshops.

Intra College Cricket Tournament

This is a cricket tournament where the teams of different colleges participated. I served my team (KIPS College) as a captain and we won that tournament

SKILLS

- HTML 5, CSS 3
- Bootstrap 3.0 +
- JavaScript
- jQuery, AJAX
- Git, Github
- Unix Command Line
- Database Design and Development
- MySQL
- Node JS (Basics)
- Core PHP
- Python
- C, C++, C#

HIGHLIGHTS

- 3+ GPA in Programming courses
- Quick Learner
- Project Management
- Time Management and teamwork
- Team Player
- Problem Solving
- Analytical Thinking

LANGUAGES

- Urdu (Native)
- English (Fluent)

HOBBIES

- Cricket
- Badminton
- Table Tennis
- Problem Solving & Exploring new technologies
- Travelling