

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

- **Text Editor (Core C++):** Develop real time text editor like VIM using the concepts 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.
- **Drum Kit (HTML, CSS, JavaScript)** | This is an instrumental web application through which user can play different drums through his keyboard or mouse.
- **Content Management System (Core 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.
- **Food Delivery Application (Core PHP, MYSQL)** | It is a basic food delivery application where user can sign up, login and after that order food. In the cart section user can also modify or delete his order.
- **Travelling Salesman Problem (Python)** | Implement Travelling salesman problem by using Genetic Algorithm. A GAs are adaptive heuristic search algorithms i.e. the algorithm follows 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
- Novels Reading