



# Safia Sultana

Student

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Effective Student committed to learning, developing skills in my degree which is BS computer science and team contribution. Self-directed and energetic with superior performance in both autonomous or collaborative environments working independently and collaborating with others on group projects.

## EDUCATION

### Bachelors

Namal university Mianwali

09/2019 - 07/2023

Mianwali, Pakistan, CGPA (3.20)

#### Courses

- Introduction to computer science,
- Operating Systems
- OOP
- , Artificial Intelligence
- Computer Networks,
- Database Systems,
- Software Engineering,
- Data Structures
- Theory of Automata
- Data Analysis and Visualization

### ICS(intermediate)

Daanish school Mianwali

03/2017 - 07/2019

Mianwali, PAKISTAN,

#### Courses

- COMPUTER SCIENCE
- PHYSICS
- MATHEMATICS

### Matriculation

Daanish school Mianwali

03/2015 - 03/2017

MIANWALI, PAKISTAN

## PERSONAL PROJECTS

### Final year project: Bridging the gap -MLOps

- (Designing an MLOps-based end-to-end Machine Learning system to deploy ML models in real-world applications and generate business value)
- Explore tensor flow extended, MLflow, AWS Relational Database Service (RDS), MVC model architecture, hydra, pandas, Sklearn, Matplotlib, SQLectron, Random Forest, XGBoost.

### Chat Bot Using Prolog

- Executed and implemented a family tree of a 'Khan Family' in prolog, defined some relations and then we used python to make an interface for this

### System Call Implementation

- Implemented a Hello system call at Linux (Ubuntu) Kernel Level

### Twitter clone; Software Quality Assurance:

- : (QA Tester): SRS, Test Plan, Test strategy

### 2D Snails Game

- (a grid-based game using python arcade library, opponent PC agent learns through reinforcement and tends to choose an optimal position against human)

### Harassment Complaint system –

- Web Development (using HTML, CSS, react and My-SQL as a database)

## SKILLS

ADOBE XD

JIRA

SDLC

QA TESTING

HTML

CSS

MS OFFICE

STLC

MYSQL

BUG FINDING

CANVA

PYTHON

MANUAL TESTING

SQL

## ACHIEVEMENTS

ELPC (English Language Proficiency course)

NAMAL CESD SOCIETY

Workshop of Data visualization and analysis using python

NAMAL IEEE SOCIETY

Training in data wrangling using slice N' Dice

## CERTIFICATES

English Language Proficiency CERTIFICATE (2019)

Workshop of Data visualization and analysis using python (2019)

Training in data wrangling using slice N' Dice (2020)

PEEF scholarship certificate

English Declamation

contest at school level

English Declamation contest

at college/university level

Runner in badminton

inter school & college championship single/double trophy

3 rd (badminton)

9th inter-school & college games Lahore

1 st in badminton

chief minister sports plan 2018 (tehsil level)

## INTERESTS

BADMINTON

HOCKEY

TENNIS