

# Saira Fatima

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I am passionate about creative software development. Graphic designing, image processing, GUI, Machine Learning, cyber security, Artificial intelligence and android development are the things that I find most interesting to learn and to do work with. Moreover, I have been engaged myself in social work for 4 to 5 years. I have worked on many projects with Shirkat Gah on empowerment of youth and violation of human rights especially women rights.

## Experience

- **Member**  
Shirkat Gah  
Vehari  
From January 2014

I give training to youth on the importance of their rights as a citizen and provide them the skill of critical thinking which is necessary in every field of life

- **Private Tutor**  
Burewala  
From May 2017 to August 2017

I taught students of 9th and 10th class for four months in summer

## Education

2017-09\_2021-06 **National University of Science and Technology**

- BS Software Engineering
- CGPA 2.61

2015-04\_2017-05 **Punjab Group of Colleges Burewala**

- Fsc pre-Engineering

- 89.60%

## Skills

Skill	Level
Python	Expert
Java	Expert
OOP in Java	Expert
Microsoft Word	Specialist certified by Certiport
Microsoft Excel	Specialist certified by Certiport
Microsoft PowerPoint	Specialist certified by Certiport
Image processing	Medium
Graphic designing	Medium
Java AWT	Expert
Web Designing	Medium
WordPress	Medium
Logic designing	Expert
Python Tkinter	Expert
php	Medium

## Courses

- Fundamentals of Computer Programming
- Discrete Mathematics
- Object Oriented Programming
- Information And Communication Technology
- Calculus1,2
- Digital Logic Designs
- Basic Electronics
- Introduction to Management
- Communication And Interpersonal Skills
- Spoken English

## Projects

- **Mind Hunter**  
A game that uses smart algorithms to predict what is going on in the players mind. It uses concepts of OOP and GUI in java  
**GitHub** <https://github.com/Sairafatima/Mind-Hunter-Game>
- **\$Photo Editor**  
A program that edits image by giving basic effects to it like gray image, binary, red and so on. It implements GUI and cv2  
**GitHub** [https://github.com/Sairafatima/SPhoto\\_Editor](https://github.com/Sairafatima/SPhoto_Editor)

- **Divers of Change**  
Shirkat Gah
- **I AM ONE, I AM Many**  
Shirkat Gah
- **Politically Empowerment Human Rights Leadership**  
Shirkat Gah

## **Certificates**

Microsoft word specialist

Microsoft PowerPoint specialist

Microsoft Excel specialist

## **Languages**

English, Urdu, Punjabi, Arabic

## **Honors and Awards**

- Selected for National Outreach Program and offered a free under graduate program at LUMS on merit basis
- Won 7<sup>th</sup> position in Young Learners Math Competition held at National level on behave of East foundation