

# Muhammad Osama

COMPUTER SCIENCE STUDENT

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## Education

2020 - 2024

**NUST Balochistan Campus**  
**Bachelors in Computer Science**

Final Year Project: Lie Detector: Enhancing Accuracy through Micro expressions and Facial Cues

Machine Learning Project: Live Input Emotion Detection and Prediction

Data Structures Project: Automated ToDo List

Assembly Language Project: Math Library

Assembly Language Personal Project: Travelling Salesman Problem (TSP) Implementation in Assembly Language

Database Project: Firebase Realtime DB CRUD Application

Digital Logic Design Project: Automatic Streetlight Controller

Source code is available [here](#) (except for FYP since it's currently ongoing)

2016 - 2018

**Garrison Degree College, Quetta Cantt**  
**HSSC**

2014 - 2016

**Garrison Academy Quetta Cantt**  
**SSC**

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## Honors and awards

Following are the most notable awards I have received, so far, throughout my education:

June 2023

**NUST High Achievers Award**

May 2021

**BEEF Scholarship Award**

Nov 2017

**BEEF Scholarship Award**

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## Professional affiliations

2022 - Present

**Kaar-e-Kamal**

A student-led NGO that operates in over 21 cities in Pakistan.

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## Professional experience

2022 - 2023      **Junior Web Developer at HippieRobots**  
([www.hippierobots.com](http://www.hippierobots.com))  
PHP, JavaScript, and WordPress developer

2023 – 2023      **Django Intern at LearnOBots**  
([www.learnobots.com](http://www.learnobots.com))  
Python, Django, Javascript and .NET

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## Community service

2016      **SOS**  
Tutor at SOS Quetta, July of 2016

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## Languages

English      Native language

German      Advanced listener and speaker, intermediate writer

Urdu      Mother tongue

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## Computer skills

Programming      Fluent in C++, Python, MATLAB and JavaScript. Currently Learning Django

Tools & Platforms      Visual Studio, Visual Studio Code, MATLAB, Kali Linux, Ubuntu, NS3, Android Studio and Arduino Programming

Miscellaneous      MS Office, Adobe Photoshop, Adobe Premiere Pro, understanding code from Stackoverflow, Git and Troubleshooting Linux errors

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## References

Malik Muzammil