

Noman Shahzad

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Date of Birth: 13 Jul 1997

OBJECTIVE

A self-motivated individual with the enthusiasm to work in Full Stack Development. Filled with the hunger to learn new experiences and skills especially by working in real-time with real-life professionals. So, hoping to join a dynamic association to improve skills and gain proficiency.

EDUCATION

Bachelor of Science (Honors), Computer Science

10/2018 – Present (Final semester)

- Namal Institute Mianwali, Pakistan

CGPA:3.41/4.0

F.Sc Pre-Engineering

09/16 –05/18

- Kallar Kahar Science College, Kallar Kahar, Pakistan

Marks : 79.27%

SSC in Science

04/14 –5/16

- Fauji Foundation Model School Basal, Jand, Pakistan

Marks : 77.45%

WORK EXPERIENCE

Teaching Assistant, Computer Science Department, Namal Institute Mianwali

During the 2nd year of my bachelors degree (4th semester), a course was offered to fresh batch “Differential Equations” In this course I served as a teacher assistant under the Supervision of Mam Faiqa Ali, a lecturer at Namal Institue.

Teaching Assistant, Computer Science Department, Namal Institute Mianwali

During the 3rd year of my bachelors degree (5th semester), a course was offered to fresh batch “Quantitative & Computational Reasonong”. In this course I served as a teacher assistant under the Supervision of Dr. Haroom Karim , an assistant professor at Namal Institue.

Assistant Trainer,Open Source Society , Namal Institute Mianwali

Namal Open Source Society is a society in Namal which promotes Open Source Softwares & conduct different workshops to learn different Technical softwares like overleaf, github etc. I was assistant trainer at Namal OSS.

PROJECTS

Billboards Management Portal | Bootstrap, Rails, Posgresql

FYP

It's a web based platform where owners of billboards & customers can communicate. Owners can add their billboards & can manage added billboards. On the other side customer can view & book available billboards.

Click & Buy | HTML,CSS, Bootstrap, Flask, MySQL

Web Development

In this project, I have developed a web store for the online shopping from the local store. In this website owner can add products in the application, can view added products & can remove unavailable products. Customer can create their account & can buy household things online. Customer can view products & then add to cart. After adding to cart customer can place order. I used HTML, CSS. Bootstrap for Front End. Flask is used at backend & MySQL is used as database.

<https://github.com/nomanshahzad/Click n Buy webtech.git>

Octa Herbals Website | HTML, CSS, SQL, PHP

Database Systems

A website for a shampoo company “Octa Herbals”. There were two interfaces for website, one for customer second for employee. Customer can place order, cancel order view order details while employee can see details of all employees can view all the placed orders. HTML CSS were used for front end, PHP for backend & sql for database queries.

https://github.com/nomanshahzad/Octa_Herbals_Website.git

- **Snail Game | Python, Arcade**

Artificial Intelligence

In this project I have made snail game for both i.e two player & single player. This project was done in python using Arcade for GUI.

https://github.com/nomanshahzad/Snails_Game.git

- **Face Mask Detector | python, Tensorflow, keras, HTML, CSS**

Artificial Intelligence

In this project first, model is trained on with & without facemask dataset. Then model is integrated with web. When a picture is uploaded it tells that whether it is with mask or without mask.

https://github.com/nomanshahzad/facemask_detector.git

- **A Simple web page | HTML, CSS**

Introduction to Computing

In this project, I designed a simple front end for a PSL website using HTML CSS.

https://github.com/nomanshahzad/Simple_webpage.git

- **A Simple Calculator | HTML, CSS, Javascript**

Web Tech.

The page has 2 input fields & 5 buttons of add, subtract, multiply, divide & reset. 2 numbers are given as input then press any of buttons to compute result.

https://github.com/nomanshahzad/basic_calculator.git

- **Prolog Family Tree | python, prolog**

Artificial Intelligence

A family tree was given. Relationships were implemented by using prolog. Then for frontend i.e for queries , python is used.

https://github.com/nomanshahzad/prolog_family_tree.git

- **Tic tac toe game | C**

Programming Fundamentals

A simple two players tic tac toe game using basic C language concepts using functions.

https://github.com/nomanshahzad/tic_tac_toe.git

- **T20 cricket game | C**

Programming Fundamentals

A simple T20 cricket game using basic C language concepts. Program plays game using concept of random numbers & at the end print the scorecard of both teams.

https://github.com/nomanshahzad/t20_match.git

- **Paranoid Game | Scratch**

Introduction to Computing

A small paranoid game using scratch.

https://github.com/nomanshahzad/paranoid_game_in_scratch.git

- **System Call Implementation**

Operating Systems

In this project, I have implemented a system call at Linux (Ubuntu) Kernal Level.

- **Click & Buy | XML, Java, firebase**

Android Development

In this project, I have developed an android app for the online shopping from the local store. In this app owner can add products in the application, can view added products & can remove unavailable products. Customer can create their account & can buy household things online. I used XML for designing interfaces of the activities. Java is used at backend & Realtime firebase is used as database.

<https://github.com/nomanshahzad/ClicknBuy.git>

- **Quiz App | XML, Java, firebase**

Android Development

In this project, I have developed a quiz app. When user logs in it goes to the screen where different quizzes are displayed according to the dates. User can select any quiz & can attempt. After attempting quiz score is displayed to user on the screen. XML, Java & firestore is used in this app.

<https://github.com/nomanshahzad/Quiz-Application-in-java-Android-Development-.git>

- **IOT Projects**

➤ Collision Detection Robo Car

- Fire Control Robo Car
- Gesture Control Robo Car
- RFID based Attendance System
- RFID based Door Lock System
- Smart Home

SKILLS

- **Languages:** C/C++, Python, Java, JavaScript, SQL, HTML, CSS, php, Ruby
- **Tools:** Android Studio, VSCode, Code Blocks, IntelliJ, Atom
- **Operating Systems:** Windows & Ubuntu
- **Web Frameworks/Libraries:** Bootstrap, Tensorflow, Keras, Flask, Rails
- **Databases:** MySQL, Firebase, Posgresql

HONORS AND ACHIEVEMENTS

- Merit Scholarship at Namal Institute

EXTRA CURRICULAR ACTIVITIES

- Marketing Director, Namal Literary & Debating Society
- Teacher, Namal Society for Social Impact
- Vice President, Open Source Society

REFERENCES

Dr. Adnan Iqbal (PhD, NUST, Pakistan)

Associate Professor (Computer Science)

Namal Institute, Mianwali, Pakistan

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