ATIYA ALI

Moh: Sultanabad, P.o/Teh: Aliabad, District: Hunza, Pakistan

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SOCIAL LINKS

Linkedin

OBJECTIVES

Energetic and driven computer engineering student with a passion for innovation and problem-solving. I'm a quick learner with excellent analytical and communication skills, eager to apply classroom knowledge to real-world challenges. I've studied and worked in different languages like Python, C, JavaScript and Java.

EDUCATION

❖ **Hunza Public School & Degree College Aliabad Aga Khanabad Hunza**   Mar 2016 — May 2018
Matriculation in Science   Hunza

❖ **Unity Public School JamatKhana Bazar Gilgit**   Jul 2018 — May 2020
Intermediate in Pre-Engineering   Gilgit

❖ **COMSATS University Islamabad, Abbottabad Campus**   Sep 2021
BS Computer Engineering   Abbottabad

SKILLS

Computer Skills   Problem Solving

Leadership and Teamwork

LANGUAGES

Burushaski	*Native speaker*	English	*Good working knowledge*
Urdu	*Native speaker*	Chinese	*B1*

PROJECTS

❖ **Simple Touch Sensor**   Sep 2021 — Jan 2022

In this project we made a simple resistive touch sensor. Touch sensors work similar to a switch. When they are subjected to touch, pressure or force they get activated and act as a closed switch. When the pressure or contact is removed, they act as an open switch.

❖ **Security Alarm Circuit**   Sep 2021 — Jan 2022

In this project, we made a security alarm which is used to alert people in case of emergency or any kind of danger.

❖ **Seven Segment Display**   Mar 2022 — Jul 2022

In this project we have tried to explain the basic things on IC4026 and how to operate it on a practical circuit with breadboard. We made a single digit counter using IC4026.

❖ **Arduino Based Musical Instrument**   Mar 2022 — Jul 2022

Our project was based on an Ultrasonic distance sensor, the sensor calculates the distance from X and Y plains and sends the values to the Arduino, Arduino convert these values as per our programmed instructions and decides the tone and the speaker plays the tone.

❖ **Induction Heating Circuit** .... Sep 2022 — Jan 2023

In this project we made a heating induction circuit using some electrical components which heats a conductive material without contacting when power is supplied to the circuit.

❖ **Audio Amplifier Using MOSFET** .... Mar 2023 — Jul 2023

In this project we designed an audio amplifier using an E-MOSFET. Our goal was to design, build, and analyze an audio amplifier that harnesses the unique properties of MOSFETs to deliver high-quality, efficient, and distortion-free amplification of audio signals.

❖ **Analysis & Simulation of Simple Communication System in MATLAB** .... Mar 2023 — Jul 2023

In this project we basically analyzed and simulated a simple communication system using double-side-band (DSB) modulation scheme.

❖ **Library Management System** .... Mar 2023 — Jul 2023

The objective of this project was to provide an efficient and user friendly way for librarians to manage books in a library. It aims to simplify book management tasks such as book search and display, borrowing and returning books, adding and removing books.

EXTRA-CURRICULAR ACTIVITIES

❖ **THE QUEEN'S COMMONWEALTH ESSAY COMPETITION 2021** .... Mar 2021 — Jul 2021

Participated in the essay competition and won bronze award

❖ **IYMUN (Ismaili Youth Model United Nations)** .... Jul 2021 — Sep 2021

Participated as a delegate in United Nations General Assembly 1 at IYMUN 2021 conference.

❖ **Student's Week** .... May 2022 — May 2022

Participated in Graphic Designing Workshop in student's week.

❖ **Basic First Aid Training** .... Jul 2017 — Jul 2017

Participated for 10 hours in basic first aid training held at Aliabad Hunza

❖ **I-CHAMP 2017** .... May 2017 — May 2017

Participant

❖ **Other Certifications** ....

Participated in a number of PGGA(Pakistan Girl Guide Association) camps and trainings.