



USAMA ASGHAR

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Date of Birth: 16/10/1997

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EDUCATION & QUALIFICATIONS

Bachelors in Computer Science

Aug 2017-Aug 2021

Operating System, Programming Fundamental, Data Structure, Machine Learning, Object Oriented Programming, Compiler Construction
Namal Institute, Mianwali

Intermediate in Pre Engineering (FSc)

2017

Faran Model College, Jhang
Marks: 873/1100

PROFESSIONAL EXPERIENCE

Telecom Engineering Company

June 2018- August 2018

Assistant, Intern

- Low voltage security system installation and management

PROJECTS

- **Machine Learning**
 - ID3 and Case Based reasoning implementation from scratch
 - Hand Written digit detection up to 5 numbers
- **Mobile application development**
 - App connected with database show live values of sensors attached with hardware through server
- **Applex developer Model**
 - Mini Search Engine (C++)
 - 2048 game with interface (java)
 - Chess (C++)
 - Elevator System (verilog)

Freelancing Projects

- Automatic Elevator System for up to 10 floors using C++
- Restaurant menu and costumer table record system using python

ADDITIONAL EXPERIENCE

Event Director

May 2019 - April 2020

Namal Idea Club

General Secretary

May 2019 - April 2020

Namal Idea Club

Volunteer Teacher

July 2017 – Feb 2020

Namal Society for Social Impact

HONORS & AWARDS

- Ambassador of Namal Cultural Event

March 2019

SKILLS & INTERESTS

- **Programming Languages:** C++, Python, Java, JavaScript
- **Web:** HTML, CSS, PHP, Bootstrap
- **Tools:** Atom, MATLAB, Proteus, Eclipse, Visual Studio, Code Block, Android Studio
- **Operating system:** Linux (Ubuntu), Windows
- **Languages:** English, Urdu, Punjabi

Namal Institute, Mianwali