

Curriculum vitae

PERSONAL INFORMATION

Uzair Rafique

📍 House no 105, street no 6, E-11/1, 44000 islamabad (Pakistan)

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EDUCATION AND TRAINING

- Sep 2014–Jun 2018 **Bachelor of Electrical Engineering**
CASE University, Islamabad (Pakistan)
CGPA : 3.20
- Sep 2011–Sep 2013 **Alevels(Pre-Engineering)**
Roots School System, Islamabad (Pakistan)
- Sep 2009–Sep 2011 **Olevels (Science)**
Headstart School, Islamabad (Pakistan)

WORK EXPERIENCE

- Jul 2017–Sep 2017 **Research Trainee**
Center of Advance Research in Engineering (CARE), Islamabad
Key Responsibilities,
■ Implementation, integration of opensource tools including
• Openstack
• Open Source Management (OSM) .
■ Implementation of the software based firewalls, vsnort and ELK.
- Jul 2017–Aug 2017 **Internship**
National Electronic Complex of Pakistan (NECOP), Islamabad
Key responsibilities,
■ Embedded systems designing using Flowcode and Labview.

PERSONAL SKILLS

Job-related skills

- C/C++/C#
- Assembly
- MATLAB
- SQL
- Verilog/FPGA
- Object Oriented Programming
- Microcontroller programming
- Android App Development
- PCB (Designing/Etching)
- Control Systems Implementation

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Matlab
- Android Studio
- Microsoft Visual Studio
- ExpressPCB
- Microsoft Office
- Xilinx ISE
- Multisim
- Proteus
- MPLab
- Microsoft Access

ADDITIONAL INFORMATION

Projects

- Network Function Virtualization (NFV) implementation using Open Source Management OSM (Final Year Project)
- Robot vehicle
- Audio amplifier
- Combinational lock
- Heart beat detector
- Smart Line Tracking Robot
- Tic Tac Game using C++/C#
- Microprocessor Verilog module (Xilinx)
- Library management tool using C language
- Implementation of colour detection algorithm using MATLAB
- Equation solving by designing dedicated hardware for faster results, Implementation on FPGA

Communication Skills

- Quickly adapt in Multicultural Environment at CARE, I have worked with professionals and developed very good relations with them.
- Good Communication Skills are developed while working in Project Management and Coordination wing at CARE and improved the same through training courses conducted time to time

Organisational / managerial skills

- leadership (led FYP team of four well and met all the deadlines)
- Organised and managed university events like Scavenger Hunt, RONAQ18.