



 <p>Date of Birth March 25'1997</p> <p>Home Address Government Boys High School Street near ALLAH wali Mosque ,Mailsi, district Vehari, Pakistan.</p> <p>Mobile +92 -300-8579550</p> <p>Email: pakistan996@gmail.com</p> <p>LinkedIn: https://pk.linkedin.com/in/muhammad-ahsan-salman-b241ab154</p>	Muhammad Ahsan Salman BS (Electrical Engineering) Roll No. 13Isb-0378		
	Education	FAST - National University of Computer and Emerging Sciences, Islamabad.	
		Bachelor of Science (Electrical Engineering) - 2017	
		Major	VLSI, Industrial Process Control, Data Communication & Networks, Power Electronics.
		VISTA College Of Science Mailsi.	
		F. Sc (Pre-Engineering)– 2013	
		Army Public School Mailsi Cantt.	
		Matriculation (Science)– 2011	
	Projects	Final Year Project	Smart Infusion Syringe Pump. Smart Infusion syringe pump is a smart device that is used to inject fluids into a patient's body. The flow rate is entered by the user and the pump starts injecting the fluid following the same rate. The device has following parts: 1. Motor 2. Mechanical screw system 3. Microcontroller 4. LCD 5. Keypad 6. Syringe User enters the desired flow rate and the liquid starts injecting at the same rate. Supply would be disconnected automatically when infusion is complete.
			Industrial Process Control: The project was about Automation of soft drink plant. We were required to provide full monitoring of the bottle filling process using HMI. We used S7-1200 to automate the filling and monitoring process.
		Semester Projects	VLSI: Layout design of a 16 bit ALU performing arithmetic and Logical operations having control and separate data lines on the L-edit software and its working of T-spice software with control and various data lines.
			Digital Logic Design: Hardware and Software Design of a 2-bit calculator performing mathematical operations.
			Electromechanical Systems: Construction of a step down transformer converting 220V to 12 V AC.
			Electronics: DC Regulated Power Supply, Project was to design and Implement A DC power source which can supply Voltage From -12V to 12 V
			C++: Banking System, Project was to design a Banking system using OOP which manage customer accounts(Transactions)
			Microcontroller interfacing and programming: HVAC system, Project Was to make a completely remote system using microcontroller to Measure temperature and turn on the fan or the heater.
			Networking: Successful phishing attempt to hack a Facebook account.



			Signal Processing: AM Receiver And Audio Amplifier, the main purpose of this Project Was to design an AM receiver to receive AM Radio channels and then there was an audio amplifier to amplify the signal and a speaker to listen to the radio.
Work Experience	Trainee Engineer Wireless at Huawei Technologies Islamabad .		2018-present
	Teaching Assistant for the VLSI course at FAST-NUCES.		
	Internee Engineer at NJHPC -Muzzaffarabad.		2016
	Internee Engineer at AECC- Riyadh, KSA		2014
	Head of Hall management team at FAST-NUCES.		2014
	Computer Skills	Huawei U2000, CME, PLC programming, Ardunio, MicroController Programming, C++, C, Matlab, Proteus, Layout designing, Multisim, AutoCad, L-Edit, Assembly.	
	Others	Problem solving skill, team leader skills, good listener , enthusiastic to learn new skills, Group Leader of every Project and presentation group in which I participated throughout my bachelor's, Free lancing	
Interests	Puzzle and strategy games. Photography, IC Design, PLC's.		