ANUJ AGGARWAL
Contact no: +91-9871019705
Email:anujagr2705@gmail.com

Objective

To work as a developer/team member in an organization where I can utilize my existing skills and knowledge and develop new skills to contribute in the accomplishment of organizational goals.

Education Qualifications

Education	University	Specialization	Institute	%	Year
M.Tech	GGS Indraprastha University	Robotics & Automation Engineering	University School of Information, Communication and Technology	77.00	2019
B.Tech	GGS Indraprastha University	Instrumentation & Control Engineering	Amity School of Engineering & Technology	61.68	2016
12th	C.B.S.E	Science	GLT Saraswati Bal Mandir	73.80	2012
10th	C.B.S.E	Science	GLT Saraswati Bal Mandir	66.50	2010

Principal Subjects covered

B.Tech: Microprocessor System, Microcontroller, Digital Signal Processing, Industrial Instruments, Process Control, Control System, Biomedical & Analytical Instrumentation.

M.Tech: Image Processing, Computer Vision, Artificial Intelligence, Machine Learning, Soft Computing, Mobile Robots, Embedded Systems Design.

Projects worked

- **In House Training (B.Tech)**
  - **Project: Electrocardiography using Instrumentation Amplifier–** the system can detect the heartbeat signal and after detection it will be fed to an oscilloscope for immediate monitoring and interpretation.
- **Minor Project (B.Tech)**
  - **Project: Density Based Traffic Light Signal-** the traffic light signal adapt according to traffic density, so if density is high then green light signal for that particular light signal for that particular way glows for more time than the normal and similar for low traffic density.
- **Major Project (B.Tech)**
  - **Project: Intelligent Traffic Light System-** this is an extended version of minor project, in this system traffic light signal can be controlled by emergency vehicles such as ambulance and fire brigades and this system adapts according to traffic density with intelligence.
- **Minor Project (M.Tech)**
  - **Project: Optical Character Recognition using Template Matching Algorithm-** The objective of Character Recognition is to recognize the text from printed hardcopy document to preferred format.
- **Major Project (M.Tech)**
  - **Project: Performance Evaluation of Different Stereo Matching Algorithm for Disparity Estimation-** Stereo vision is the extraction of 3D information from digital images. By comparing information about a scene from two vantage points, 3D information can be extracted by examining the relative positions of objects in the two panels.

Software Skills

- Python
- C language
- MATLAB
- PLC Programming

- HTML
- CSS
- MS Excel
- MS Word

Industrial Exposure

Month & Year		Topic	Company/Location of the assignment	Details of assignment
From	To			
June 2015	July 2015	Substation Automation using SCADA system	SIEMENS LTD.	Controlling of a substation by using SCADA system.

Personal Interests

Listening to Music, Watching & Playing Cricket.