DEVMALLYA KARAR

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To get a strong foothold in the industry and keep updating myself with new technical knowledge and try to develop more innovative ideas in my field, dedicating myself for the growth of the organization.

EXPERIENCE

- Presently working as a Technical Engineer in HP.
- Worked on Artificial Intelligence in Autopilot system, presented in the National Conference on Emerging Trends in VLSI, Embedded and Networking (NC-EVEN 18), held at Brindavan College of Engineering, Bengaluru, India on 26th April, 2018 has been successfully published in PiCES international journal and indexed in the German National Library (Germany).
- Designed a basic small webpage in Sublime.txt and Visual Studio.
- Working on a project on Machine learning & Artificial intelligence in Financial Marketing.
- Worked on a small part of a project on PHP & SQL in WampServer and Notepad++.
- Worked on MATLAB and Arduino.SE for my final year engineering project on Image Processing and Internet of Things.

SOFTWARE SKILLS

Programming Languages : C++, Java, HTML, HTML5, CSS, CSS3, JavaScript, jQuery, AngularJS, Json, Node.js, Express.js, Bootstrap3 and 4, PHP, SQL, Python, MATLAB, API.
Application Software : Notepad++, Sublime text, Visual studio code, Atom.io, WampServer, NetBeans, Turbo C++, MATLAB, Mongo dB, Mongoose.
Other Software : Microsoft Word, Microsoft Office, Microsoft Power Point, Microsoft Excel.
Operating System : Windows, Linux.

PERSONAL SKILLS

- Analytical.
- Adaptable (work in changing environment).
- Quick Learner.
- Able to Build Relationships.
- Loyal and Discreet (maintain confidentiality).
- Flexible.
- Responsible.
- Able to Operate Under Pressure.
- Efficient.
- Detail-oriented.
- Written and Verbal Communication.
- Organizational Skills.
- Multi-tasking.
- Time Management.

PROJECT & RESEARCH PAPER

1. Project : Finding Artificial or Natural ripening of the fruit using Image Processing and IOT.

Objective : In this paper, an efficient image processing technique is used to detect whether the fruit is the artificially ripened or naturally ripened fruit. The fruits considered here are Bananas and Mangoes. The simulation is carried out using MATLAB tool (image processing) and results obtain has accuracy of 95%.

2. Research paper : Adaptive Controller, PID Controller & Artificial Intelligence in Small UAV Autopilot System.

Objective : The main reason is for the safety of the flight. Generally, pilots have to control the aircraft When a complex situation happens where even an advanced autopilots systems are not able to manage. Artificial Intelligence based methods and Adaptive Controllers has proved themselves to be an efficient in these scenarios with uncertainties. A Neural Network is used to model the aircraft, and a Genetic Algorithm is applied to optimize the PID controller of a quadcopter.

ACADEMIC QUALIFICATION

Course	Institution	University	Aggregate	Year of Passing
BE	M S Engineering College	VTU	51%	2018
12th	Kendriya Vidyalaya Santragachi	CBSE	59%	2013
10th	Kendriya Vidyalaya Santragachi	CBSE	7.4 CGPA	2011

PERSONAL INFORMATION

Fathers Name : Mr. Sukhendu Karar.
Mothers Name : Mrs. Shivani Karar. ,
Languages : English, Hindi, Bengali, French.
Date of Birth : 8 January 1995.
Permanent Address : Ajanta Apartment A/2/1. Ichapur H.I.T Road Santragachi Howrah, West Bengal, India.

The above information is true and correct as per as my knowledge.

Place : Bangalore.
Date :

Applicant Signature.