Kavyashree G

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CAREER OBJECTIVE:

To work for an organization that provides the opportunity to improve skills and knowledge to grow along with the organization objective.

SUMMARY:

- Currently working in Thought Focus as a Process Associate, Mysuru
- 6 months of experience in PCB designing at AT&S, Nanjangudu.
- Results-oriented team player and possesses solid interpersonal & communication skills.
- Excellent organizational and interpersonal skills with a strong facility for acquiring new knowledge very rapidly.

Technical Skills:

Programming Languages	Java, Oracle, MATLab, Basics C
Operating System	Windows XP, 7, 8

Area of Interest:

- Digital Signal Processing, Image Processing, Biomedical Signal Processing, Logic Design, PCB designing, MRI Image Processing, Control System.

CAREER HIGHLIGHTS:

Project: COMPARATIVE STUDY OF REGION BASED SEGMENTATION ALGORITHM ON BRAIN MRI IMAGES
Project Duration : October 2016
Role: Programmer
Project Description:

- The purpose of this project was to find the best segmentation algorithm to detect the brain tumor.

    Tools Utilized **:** Matlab

Roles and Responsibilities:
- Understanding concept of MRI Images and collecting the T1 serious brain mri images.
- Performing filtering operation using median filter.
- Computing Region based segmentation algorithm on images.
- Coding using algorithms such as Fuzzy C-Means (FCM), K Means, Expectation Maximization (EM), Spatial Constraint Fuzzy C Means (SCFCM), Markov Random Fields (MRF), Pulse Coupled Neural Network (PCNN), and Support Vector Machine (SVM).
- Task is to find the best algorithm among them

PERSONAL DETAILS:

Date of Birth : Dec 10, 1992

Father's Name: Guruswamy

Nationality : India

Gender : Female

Marital Status : Unmarried

Languages Known: English and Kannada

Hobbies: Dancing, Crafts

Project: INTELLIGENT TRAIN ENGINE AND RAILWAY GATE CONTROL

Project Duration : October 2014
Role: Programmer, Modelling
Project Description:
- The purpose of this project was to control the accident and automatic gate control

Tools Utilized : **Embeded C**

Roles and Responsibilities:

- Anti-collision detection technique
- Announcement of next station
- Automatic control of the train
- Automatic Gate control

ACADEMICS:

COURSE	SCHOOL/COLLEGE	YEAR	PERCENTAGE
MTECH (Signal Processing)	Vidyavardhaka College of Engineering, Mysuru, Karnataka	2016	74.04%
B.E (IT)	Sri Jayachamarajendra College of Engineering, Mysuru, Karnataka	2014	7.63(CGPA)

I hereby affirm that the information furnished by me is true and correct.

Kavyashree G