GUNASEKARAN K
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CAREER GOAL

To work with an organization that provides me an opportunity to grow and to exploit my potential to excel in the area of my preview so to help the organization in the accomplishment of its goal.

ACADEMIC PROFILE

Course	Institution	Year/ Period	CGPA/ Percentage
B.E (ECE)	Government College of Engineering, Salem.	2014-2018	7.56*
HSC	Siwalik Matric Higher Secondary School,Pollachi.	2014	92.33%
SSLC	Tmt.Rukmaniammal Higher Secondary School,Pollachi.	2012	93.60%

*CGPA till 7th semester

FIELD OF INTEREST

- Embedded System
- Wireless Networks

TECHNICAL SKILLS

- **Programming Language**   : C,C++
- **Programming Environment**   : Turbo C, MATLAB

MINI-PROJECT DETAILS

TITLE: Blind Torch

FRONT END: Ultrasonic waves
BACK END: Safer environment for visually challenged people

DESCRIPITON: This project helps visually challenged people to navigate with ease using advanced technology. My project includes an Ultrasonic sensor,that detects the presence of any obstacles in the walking path of the blind people and sends the data to the microcontroller (Atmega 328).The Microcontroller then calculate the distance of the obstacle by counting the time taken between the transmission and reception of the ultrasonic waves. If the obstacle is close enough then the microcontroller sends the signal to sound a buzzer.The system also provides another precious option of finding the blind stick if the visually challenged people forget, where they kept it.

EXTRA CURRICULAR ACTIVITIES

- Active Member of **Leo Club** at Government College of Engineering, Salem
- Active **Blood Donor** of **Rotract Club**

CO-CURRICULAR ACTIVITIES

- Presented a Paper on 5**G Technology** at Sri Krishna college of Engineering & Technology, Coimbatore.
- Attended an **In-plant Training at BSNL**(Bharat Sanchar Nigam Limited) in Chennai
- Attended a Workshop on **C, C++ Programming** at Government College of Engineering, Salem.
- Attended a Workshop on **PCB design** at Government College of Engineering, Salem.
- Attended a Workshop on **Application of Arduino** at Government College of Engineering, Bargur.

ACHIEVEMENTS

- Won Second Place for a Project on **Automated Agriculture** in Government College of Engineering,Bargur.
- Won Second Place for a Project on **Blind Torch** in **COMNET 2K16.**
- Secured First Place for **a C Debugging** in Government college of Engineering,Bargur.
- Got Third Prize for **Multimedia Presentation** in **COMNET 16.0**
- Got First Prize for **Photograpy contest** in **COMNET 16.0**
- Secured First for **Treasure Hunt** in **COMNET 16.0** at Government College of Engineering, Salem.

POSITIONS OF RESPONSIBILITY

Position	Period	Keywords
System Admin	2015-2016	Analysing and Solving the Hardware issues of Computers in the department
Class Representative	2015	Gather views from students regarding various aspects of the course and communicate those to faculty advisor

PERSONAL TRAITS

- **Strength**   : Leadership, Amiable, Passionate, Adaptive
- **Hobbies**   : Listening to Music, Playing Cricket, Carrom

PERSONAL DETAILS

- **Date of Birth**   : 07th Oct, 1996
- **Father's Name**   : Karikalan D
- **Mother's Name**   : Babyrani K
- **Gender**   : Male
- **Languages Known**   : English,Tamil
  [To **Read & Write**]

DECLARATION

I hereby declare that the above details are true and correct to the best of my knowledge and I assure that I will be poised and firm under any environmental characteristics.

Place: Salem-11   Yours truly,

[**K.Gunasekaran**]