

AKASH RAVICHANDRAN

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EDUCATION

College of Engineering Guindy, Anna University
B.E. Electronics and Communication Engineering *GPA: 8.17*

Chennai, TN
Grad: May 2018

EXPERIENCE

IEEE - CEG Chapter

Chairman

Chennai, TN
February 2017 — Present

- Lead the CEG IEEE Chapter to a better level and Involve everyone to actively participate in competitions and conferences.

Qvady Technologies

Software Engineer

Chennai, TN
15 May 2015 — 15 July 2015

- Created a WPF application based on the requirement of the company.

Ceg Tech Forum

Organiser for Gesture Controlled Robotics Workshop

Chennai, TN
November 2016 — February 2017

- Plan the Workshop
- Maintain expenses

Startup Weekend - Google

Organiser

Chennai, TN
September 2015 — February 2016

- Created Posters
- Marketing

SKILLS

Programming:	C, C++, C#, HTML, Arduino, Java, Python, JavaScript, Matlab
Devices:	Intel Edison Board, Linkit Smart 7688, Arduino, Raspberry Pi, Photon
Management:	Teamwork, Leadership, Decision Making, Time Management, Creativity
Softwares:	Android Studio, PSocCreator, LTSpice, Matlab, Xilinx
Extra-Curricular:	Table tennis, Volleyball, Scouts and Guides, Robotics, NSS

PROJECTS

Airlock Arduino <https://www.hackster.io/27207/airlock-with-artik-cloud-dc7226?team=27207>
The airlock is an elegant locking system which uses pattern lock concept. It is to provide security to houses and it will be extended in the future for Banks and other places.

AirArt Python, Opencv, Arduino <https://www.hackster.io/19845/air-art-955c27>
Real-time image processing of what we draw in front of the camera and reflect the same by means of a 2d arm (using inverse kinematics concept) on the paper.

Play TicTacToe <https://www.hackster.io/akashchandran30/frdm-k82f-play-x-0-game-0ebccb>
Using NXP FRDM K82f development board, did a small module to play tic tac toe as a single and two player game. Learnt embedded C of NXP in due course of doing the project.

Magic Mirror Raspberry Pi, Nodejs, Python, Opencv

A mirror which is synced with the phone, laptop and TV, which gives you notifications. We have included Amazon Alexa and face recognition module for security.

AWARDS

School First in SSLC Examination Kalaimagal Vidyalaya Chennai, TN
Received a Gold medal for securing School First in SSLC Examination. April 2012

School First in HSC Examination Kalaimagal Vidyalaya Chennai, TN
Received a Gold medal for securing School First in HSC Examination. March 2014

IoT For Everyone-First Place Sparkfun Electronics Chennai, TN
Secured first place in the competition and won \$1500 gift certificate. July 2016

First Runner-up at Code fun do Microsoft Chennai, TN
Presented and assembled a prototype of a Gesture controlled robot for the elderly person. February 2017