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# Victor K Varghese

## Objective

To pursue a challenging career in leading and progressive research organisation offering opportunities for utilising my skills towards the growth of the organization.

## Experience

07/15 - 10/15 **Android Developer Trainee**

[Spectrum Softtech Solutions, Kochi, Kerala](#)

Java training - Hands-on experience in designing and building simple to sophisticated Android apps - Debugging - JSON Parsing

05/13 - 08/14 **Part-time collaboration**

[EasyTech Systems, Kalady, Kerala](#)

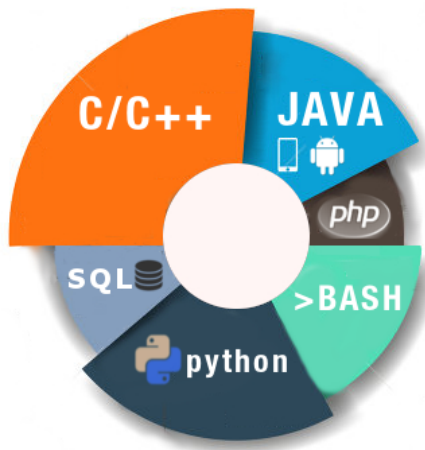
Computer technical support, Problem solving related to hardware, software and Operating Systems, Networking Solutions.

06/13 - 07/13 **Industrial Training**

[Keltron Knowledge Centre, Trivandrum, Kerala](#)

Hardware Assembling, Networking concepts, Web Designing - PHP - Online Marketing, Robotics, Factory Visit.

## Programming



## Academic Projects

Academic Institution: **FISAT**

10/14 - 03/15

### Emotion Detection From Audio

Using perceptual features in audio to detect the emotion of the speaker and resolving "how it was said" rather than "what it was said". Done with the help of Feature Extraction / Classification, Neural Network training.

Modules: Yaafe, Pybrain and Scipy.

01/14 - 05/14

### Virtual Keyboard

Construction of a portable virtual device using infrared laser, camera and a keyboard pattern. Device works with the help of a key detection algorithm developed in Python OpenCV.

Modules: Python OpenCV and PyKeyboard.

## Personal Skills

- Team Player
- Flexible
- Confident
- Adaptable

## Education

2011 - 2015 **Bachelor's Degree in Computer Science & Engineering**

[FISAT, Kerala](#)

B.Tech Percentage: 65%

MainProject: "Emotion Detection From Audio Using Neural Networks".

Mini-Project: "Virtual Keyboard Using Infrared laser Technology".

**Languages**  
Malayalam ★★★★★  
English ★★★★★  
Hindi ★★★★★

2009 - 2011 **Higher Secondary Education** [BHSS, Kalady, Kerala](#)  
State Board Plus-two Percentage: 92%  
Main subjects: Mathematics, Physics, Chemistry, Computer Science.

1998 - 2009 **Primary - Secondary Education** [Anita Vidyalaya, Thannipuzha, Kerala](#)  
State Board SSLC Percentage: 86%

## Certifications

05/2015 **Android Developer Nano-Degree for Beginners** [Udacity](#)  
*Online Course - Beginner, Intermediate*

03/2015 **Windows Phone Development for Beginners** [MSDN](#)  
*Online Course - Beginner, Intermediate*

05/2014 **Intro to Linux** [LinuXFoundationX, Edx](#)  
*Online Certification Course*

03/2014 **LINUX** [IIT Bombay](#)  
*Spoken Tutorial Project*

06/2013 **Programming, Data Structures and Algorithms** [IIT Madras](#)  
*Online Certification Course*

## Activities

01/2015 **ICEFOSS 15** [FISAT, Kerala](#)  
*Program Co-ordinator*

06/2014 **International Conference on HPC** [FISAT, Kerala](#)  
*Volunteer*

01/2014 **ICEFOSS 14** [FISAT, Kerala](#)  
*Program Co-ordinator*

01/2013 **NAUTILUS** [FISAT, Kerala](#)  
*Volunteer*

## Declaration

*I hereby declare that the above mentioned information is true to the best of my knowledge and belief and i bear the responsibility for the correctness of the above mentioned particulars*

*October 13th, 2015*

*Victor K Varghese*