

## **Prithviraj Kadiyala**

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### **Career Objective**

I am currently pursuing my Masters in Electrical and Computer Engineering from University of Oklahoma. I would like to gain an internship position in the same field and wish to learn more about the working of the corporate world which will be helpful to open more doors in the corporate field.

### **Education**

Masters of Computer Engineering,  
University of Oklahoma, Oklahoma, USA  
3.17/4

2016-2018\*  
(Expected Graduation Dec  
2018)

Bachelor of Engineering Electronics & Communication  
VTU, Belgaum  
8.57/10

2012-2016

### **Technical Skills**

- Webpage designing (JavaScript, AJAX, CSS, HTML5, SQLite3, Python, Flask).
- Arduino Coding, Micro-controller coding and C-programming.
- MATLAB software for plotting and visualizing equations.
- Used R programming to analyze Big-Data
- Photoshop for designing posters, banners and certificates.
- Designed VLSI circuits using Cadence software.

### **Experience**

#### **Research Assistant at OU – 2016-Present**

Developing a website for USDA for their maintenance of their cattle stock. Improving the user accessibility and User Interface for the better and easier use of the software and to maintain data in more accessible manner.

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#### **WingfoTech – Winter 2015**

This internship was for the learning the possibilities of IOT. I learnt to control different devices wirelessly and control them via Internet and without any physical connection. Devices that I worked with were Raspberry Pi and ZigBee. And also vision for Internet of Everything.

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#### **BoredBees Pvt Ltd – Summer 2014**

This internship was based on the Java programming skills and the development of Android Apps. I learnt to develop android apps which are market ready using the Eclipse software which helps to emulate the android software virtually.

## **Projects**

1. Designed and built a prototype model for “**Intelligent Alerting and Braking system**” as a part of 6<sup>th</sup> sem project.
2. Built an Android App named “**Gesture controlled Music player**” as a part of 5<sup>th</sup> sem project.
3. Built a Windows App named “**INDIAN GODS**” as a part of workshop conducted by windows in 2012-2013.
4. Designed and built a “**Solar Lantern**” as a part of Social Innovation during Bachelor’s.
5. 3D modeling and fabrication of a “**Speaker**” as a part of Product Development and Realization (PDR).
6. Designed and built PCBs using the **Eagle, Autotrax** and **Express PCB** software as a part of self-assessment in 3<sup>rd</sup> and 4<sup>th</sup> sem.
7. Worked on “**Network management system (NMS)**” as a part of project in Bachelor’s Degree.

## **Achievements**

- Achieved 2<sup>nd</sup> prize in Analog maker competition held by Texas Instruments India in 2014.
- Helped in the web page designing of the National Tech-fest, Pleiades 2015.
- Paper presented at the Indian Technology Congress-2015, Bangalore.
- Paper presented at the All India IEEE Meet- 2015, Bhimavaram.
- Attended workshops on Hacking Expert (Level 1.0) and Android App Development in NITK, Suratkal.

## **Extracurricular activities**

- Junior head of Paper\Poster presentation and Registration committee.
- Volunteered for Electro-fantasy, Roborace and Robowars events in the Pleiades 2015.
- Volunteered for Marathon’13 and Marathon’14.
- Organized the event Gamers’ Valley in the National Tech-fest Pleiades 2015.
- Organized an event Gaming Carnival under EA association in 2014.
- Organized the workshops of Spoken Tutorials under MHRD initiative of free video lectures of IIT-Bombay for years 2013-14 & 2014-15.
  - Latex, Python, Scilab, C\C++, GeoGebra, Libre Office, MySQL
- Volunteered for Spell-A-Thon under BVB-IEEE in Oct 2014.
- Organized MathStar’13 & MathStar’14 under BVB-IEEE.
- Active member of BVB-IEEE.

## **Social**

Website – <https://prithvirajkadiyala.github.io/>

Linkedln - <https://www.linkedin.com/in/prithviraj-kadiyala-003073a3>

Github - <https://github.com/prithvirajkadiyala>