**Nirali Deliwala**

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**EDUCATION**

***University of Maryland***,College Park, MD Expected May 2018 *Masters of Science in Telecommunications*

**Relevant Coursework:** Networks & Protocols II, Network programming using C, Digital Communication Systems Network Design & Configuration Lab, Cellular Communication Networks, Telecoms Marketing Management

***K.J. Somaiya College of Engineering*** (Autonomous Affiliated to University of Mumbai) 2011-2015

*Bachelor of Engineering in Electronics*

**Relevant Coursework**: Networks & Protocols I, Communication Networks, Digital Communication and Coding Techniques

# TECHNICAL EXPERIENCE

**Accenture Services Pvt. Ltd.**(Paid)June 2015 – June 2016

# *Associate Software Engineer (ASE)*

**Project**

Project name: LYONDELL BASELL (Chemical Company)

Objects worked on:

**•** Worked on the design, development, testing and support as a SAP ABAP developer to meet business needs.

**•** Analyzed the functional specification.

**•** Created the technical specification.

**•** Developed the custom objects (reports, email standardization, sap scripts, adobe forms)

# SKILLS

**Networking Software:** Cisco Packet Tracer, Wireshark

**Programming** **Language:** C, C++, JAVA,SAP ABAP, HTML, Python

**Operating Systems**: Windows, Android

**Software’s**: MATLAB, SCILAB, KIEL, PSPICE, LABVIEW, EAGLE, PROTEUS, AUTOCAD, MICROWIND

# PROJECTS

***Design of IP & Domain Dossier System*** December 2016*•Designed a Client-Server system using socket programming in C on Linux environment using TCP/IP protocol. •Implemented server side using linked list which performs serval tasks depending on the request code passed by the client:*

*-To find, add or delete, get the most or least requested record from data base.*

*-Reject inquiry if another inquiry has been received from the originated address in the last 10 seconds.*

*-Shutdown the connection.*

*•Generated a log file for all the events that occur on the server side. Each line in the log file starts with a date and time and provides detailed information for the event.*

***Design of Facial Emotion Recognition System*** May 2015

•Detected different emotions depicted in the image by using MATLAB

•Accomplished training of images using Artificial Neural Network.

**•** Implemented image processing techniques to remove the unwanted noise and background.

**•** Classified the emotion depicted by the image in one of the following category- Happy, Sad, Neutral and Angry by testing each of them.

***Design of 8-contestant Quiz Buzzer*** December 2014

**•** Developed a quiz buzzer using microcontroller 89c51.

**•** Executed the code in KEIL, simulated using Proteus and implemented it on PCB.

# *Design of Electronic Harmonium* December 2013

**•** Based on ic-555 which worked as oscillator.

**•** Used PCB that had 15 parallel strips and each strip corresponding to one note.

**ADDITIONAL ACTIVITIES**

**•** Participated as volunteer for technical festival (*Abhyantriki*) at a publicity event. 2013

**•** Assisted as an Event Head for various events at the cultural festival (Symphony). 2014

**•** Worked with Accenture colleagues at *Hope Foundation*, a non-profit organization at Mumbai. 2015