# Yerva Devendra Reddy

Software Developer, Machine Learning Enthusiast

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Strong in design and integration with intuitive problem-solving skills. Proficient in PYTHON, PHP, and SQL. Passionate about implementing and launching new projects.

## WORK EXPERIENCE

### Machine Learning Intern
Celestial V Solutions

*09/2018 – 12/2018*                          *Bangalore, India*

*Achievements/Tasks*
- As an intern developed projects on Web and Machine Learning.
- Successfully completed and delivered projects to clients on time.
- Developed 6 projects in the span of 3 months.

## PROJECTS

### Voice Based Email (02/2019 – 03/2019)
- An Voice based email system developed using Python and Google's gTTS and gSTT APIs.

### Dual Audio Steganography (11/2018 – 12/2018)
- Hiding of secret message into an audio file then further hiding of that steganated audio file into another audio file.
- This is developed for the client of DHS/Celestial V Solutions.

### Face Detection and Identification (10/2018 – 11/2018)
- Detection and Identification of Face using CNN (Convolutional Neural Networks) and OpenCV.
- This was developed for the client of DHS/Celestial V Solutions.

### Person Identification using fingerprint Matching (09/2018 – 10/2018)
- Identification of Persons using their fingerprints.
- Developed using SIFT(Scale Invariant Feature Transformation) algorithm, Python as Programming Language and SQLite3 to store known fingerprints.

### Presidency Bus Management (02/2018 – 04/2018)
- A Bus management system for Presidency University students.
- Project is developed using Bootstrap framework for front-end and LAMP Stack for back-end.
- Contributed this as Open-Source.

### PREForum (09/2017 – 11/2017)
- PreForum is an online interactive web application for students of Presidency University.
- This project is developed using LAMP Stack as back-end and Bootstrap for front-end.
- This project is under academic course of 5th semester in Presidency University.
- Contributed this as Open-Source.

## SKILLS

Python | MySQL | PHP | HTML5 | CSS3 | C | Git | Libs:Numpy,Pandas,Matplotlib

## AWARDS

Best Intern (09/2018 – 12/2018)
*DHS Informatics/ Celestial V Solutions*

## COURSES / BADGES

Machine Learning and Data Science - Udemy (06/2019 – Present)

Python - Hacker Rank (05/2019 – Present)

## LANGUAGES

English
*Full Professional Proficiency*

Telugu
*Native or Bilingual Proficiency*

Hindi
*Limited Working Proficiency*

Kannada
*Elementary Proficiency*

## INTERESTS

Machine Learning/Deep Learning

Web Development

## EDUCATION

### Computer Science, B.Tech
Presidency University

*08/2015 – 05/2019*                    *60.2%. Bangalore, India.*

### XII/PUC
Narayana College

*06/2013 – 05/2015*                    *74.4% AP, India*

### X
Kamala School

*06/2012 – 05/2013*                    *77% AP,India*