Anmol Kulkarni

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INTERNSHIP EXPERIENCE

HL Investrade Ltd, Mumbai— *Python Developer for Data science and Machine learning*

June 2016 - Aug 2016

Worked on a project which dealt with long term prediction of stock price growth by analysing financial time series data for company stock prices. Worked on modules involving tasks of Data cleaning and enhancement , indicator formation , variable evaluation , statistical methods for dimensionality reduction and Neural Networks .

Freelancing - Full Stack Web Developer

May 2016 - Present

- *DasVision* : A website similar to goaboard.com (Built using PHP-Codeignitor , MYSQL, Bootstrap)
- *Realestate Website* : Website similar to Proptiger.com(Built using DJango , MYSQL and Bootstrap , JQuery & AJAX)

Engineering Projects in Community Service (EPICS) , NITW Team Lead

Jan 2017 - Present

A community Service project aimed at building affordable ECG device using Linear ICs and TI MSP 432 .We also aim to build Predictive systems on the cloud to detect various ailments by active learning algorithms .

Research Project on Machine Learning

November 2016 – Present

A Project based upon Gaussian Process Regression and LSTM Recurrent Neural Networks for Financial Time series Data under the Guidance of Amarjot Singh , Postdoctoral Research Scholar , University of Cambridge

EDUCATION

National Institute of Technology , Warangal— *Electronics and Communication Engineering*
CGPA :7.54/10
July 2014 – May 2018(Expected)

Indian School of Business, Hyderabad— *Technology Entrepreneurship Program*

June 2016 – May 2018

Indian School, Ras Al Khaimah, High School -Science Stream
Percentage : 94.6 %

Indian School, Ras Al Khaimah, Senior Secondary School
CGPA : 10/10

PROJECTS

SKILLS

Programing Languages : C++, PHP ,(Basics), Python, MATLAB
Web Frameworks : CodeIgniter(PHP) , Django(Python),Flask(Python)
Graphic Softwares : Adobe Photoshop, Adobe Effects,Sony Vegas Pro
Electronics Hardware : Arduino, TI CC3200 & Sensor Tag

PROGRAM ELECTIVES

- Automotive Mechanics
- EPICS Part A (Engineering Projects in community Services)

AWARDS

Samsung Appathon : Winner

INK Makers Makeathon : Finalists

OTHER EXPERIENCES

- *Teaching Assistant at SS Infotech , Gulbarga*
- *MOOC's Content Creator at MyPalOnline School for Grade 12 Physics*

INSTITUTE CLUBS

- *Music club NITW*
- *Photography Club NITW*
- *Electronics Club NITW*
- *Web and Software Development Cell*

PERSONALITY TRAITS

Artificial Neural Network on VHDL

lmplementation of an Artificial Neural Network for the XOR problem by synthesis and simulation in VHDL on a Spartan -3 FPGA Board .

Jivadah : A bot to assist Doctors:

A Natural Language Processing based chat bot build using the Microsoft Bot
Framework meant as a communication tool between doctors and patients .
The bot would communicate with the user and generate a report of symptoms by
Asking asking commonly asked questions and generating the next question depending
On the response of the user. Finalists for INK Makers
Technologies used : Microsoft Bot Framework , Node.js , LUIS.ai .

Training and Placement Portal – WSDC

Developed the Authentication,Coordinator and Admin Dashboard for the training
And placement portal for the college Training and Placement Office.

BikeShare:

An android app using a NodeJS backend built for achieving a green campus and a friendly commute.

NewsScaper:

A Natural Language Processing based program using the NLTK package of python which
Scrapes article from the internet and classifies them as relevant or irrelevant .
Classifying algorithm : Naive Bayes Classifier
Technology used : NLTK : Naive Bayes Classifier , Sentiment analysis, Mongo DB, python

Fred:

A Plant that talks .
Using TI CC3200, Temboo Services and an electronic water pump
which helps save water. It also creates awareness regarding the importance of
planting trees.

- Good Communication Skills
- Strong Problem solving capability
- Quick Learner
- Good Team Player
- Confident Public Speaker

MANAGERIAL RESPONSIBILITY

Event Manager : Technozion – IOTA:

One of the event managers of IOTA , first of its name. It was envisioned for the DIgital
India theme where people had to make prototypes which would digitalize the campus.

Event Coordinator : Innovation Garage

Helped Organising , conducting and mentoring for various events And workshops
associated with/conducted by Innovation Garage.