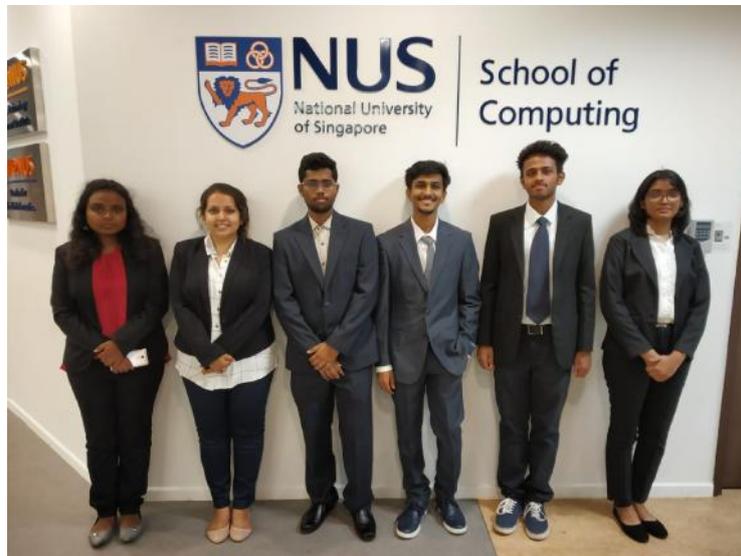# INTERNSHIP AT NUS IN SINGAPORE

Srinesh A R (16L253),

National University of Singapore

The internship was on the topic big data analysis using artificial neural networks. Through the internship we learnt the influence of machine learning as a field which influences upcoming technology like self-driving cars as well as existing technology like the google voice assistants in our phones. For the 3 weeks duration of the internship we stayed at the nus hostel and had classes from 9 in the morning till evening 6. We spent the first one and half weeks on the concepts of machine learning and neural networks with regular hands on experience. We started with the basics of machine learning, using Python libraries to implement the models. Then we moved on to Neural networks including convolutional neural networks mainly used for image recognition. For our project we were given a dataset of 20000 Yelp reviews of different places. We had to try training it using many algorithms. Finally we were able to identify with 90 percent accuracy if a new review given is a positive review, a negative or a neutral one. For the next one and half weeks, we learnt the concepts of big data and we set up a Hadoop architecture using Linux operating system. Through this we were able to store data across many computers. Initially we stored the data using Vanilla Hadoop. Then we moved on to Hadoop distributions like Cloudera manager. For our project we had to setup a multimode network across many computers and store data across them using Cloudera manager. Overall it was an experience which helped me gain

knowledge on the importance of data science and the skills needed to progress in the field.

Vadlani Surya Trinadh (15L259)

INTERNATIONAL EXPERIENCE

To begin, recently I did a summer program in Stanford University at Stanford,USA. I was there for around 2months from June 25 –Aug 17-2018.

This is my first international trip for education away from home. I went with lot of hopes and thoughts and happy to say that I had a good experience and made new friends across the globe.

In this summer program, I learnt many things. Every day was a great day. For two months I studied two different subjects signal processing and international business and international marketing. Signal processing was taken by Prof.Larry wosk who is had a great experience in this subject and international business and international marketing is handled by Prof.Jopling who is an marketing consultant to many mnc's.For International marketing and business we had classes and project .The project we did was "Introducing Disney land to Indian Market".For signal processing we had both classes and practical hours out of 5 classes a week 2 would be lab other would be theory classes.

Every week we used have a special class on future of electronics by Eric Pop who is a nanotechnology professor at university. We also had a visit to Silicon Valley.

Finally I can say that I had beautiful and best experience.I am sure this summer program will help me to build a good resume to me.

Thanking You

You're faithfully,

Vadlani Surya Trinadh,

15l259 ECE (G2) SEM: 7

PSG College O f Technology

Coimbatore-04

ALLA LOHITH
15L204

I ALLA LOHITH currently doing my bachelor's (4th year) in the field of Electronics and Communication Engineering at PSG college of technology , Coimbatore .

I recently did my summer internship at UNIVERSITY OF TEXAS AT DALLAS(UTD),USA. I would like to thank each and everyone name by name who made this possible . I am there for two months.

I learnt a lot from my internship experience .Each day there was a splendid experience .First month I worked on BIG DATA AND MACHINE LEARNING .Morning sessions I learnt basics of the above .During afternoon sessions I used to work on the project .I completed my project by the end of first month and submitted a report which is accepted .

During this period I got interact and work with people across the globe who are in various positions ranging from CEO of a company to students in college .During weekends I used to attend weekend crash courses .I attended the following courses PYTHON,NO CODE WEB APP DEVELOPMENT,JAVA PROGRAMMING,DEEP LEARNING , DATA SCIENCE WITH PYTHON. I successfully completed all the above courses and have been certified from same university .

I even experienced a lot of US culture .I have been certified for engaging in cultural activities and studying the culture of states .This certification is given from ISSO office of UNIVERSITY OF TEXAS AT DALLAS after conducting a small interview

Second month I learned a new software named CADENCE in VLSI domain and worked on it in various technologies .

I hereby find my internship very useful to shape my goals and I am really lucky to have such splendid experience