

ABIJITH K P

Career Objective: To work in a stimulating environment where I can improve myself and along with it, applying my knowledge and skills to serve the firm and the society as a whole to the best of my efforts.

PROFESSIONAL EXPERIENCE

Summer internship at **LinkedIn**, Bangalore

May 2018 - Jul 2018

Relevance, Machine Learning

Analysed and defined a roadmap to tackle problems related to mislabeled datasets. Designed an algorithm to filter out mislabeled datapoints and also improve the base classifier using the information from the identified mislabelings.

Aricent - Gurgaon, Chennai

Sept 2014 - Aug 2016

Performance analysis and improvement of a Linux based system. Designed an empirical method to tackle the problem

Helped in prototyping internal tools and config. management of L2 switches. Contributed in optimizing the running time of Testing Automation Framework.

Language: C, Java, BASH

PROJECTS

Sentiment Analysis on Twitter data

Using a map(leaflet.js) created visualizations from the result

Language: Python, Flask, NLTK, MongoDB, leaflet.js

BaseDB - Simple single user DB

A prototype of single user DB inspired from MINIREL project

Project link: <https://github.com/abijith-kp/BaseDB>

Language: C, Glib library(Gnome lib)

Gesture Recognition for ChaLearn dataset

Implemented the paper: Large scale gesture recognition using CNN. Previous implementation was in caffe and matlab. I reimplemented the algorithm using python and keras.

Tools: Python, Keras, VGG16 model

Contributed to Bash 2048, a Github project

Project link: <https://github.com/mydzor/bash2048>

Contribution: Saving functionality

Language: BASH

COMPUTER SKILLS

PROGRAMING LANGUAGES	Proficient: Python, C, BASH Scripting Beginner: Core Java, Lisp, C++, NASM, Android
PYTHON MODULES	Pandas, Numpy, OpenCV, Keras
TOOLS	Intermediate: Vim, Git, Flask Beginner: Lex, YACC, Latex, GDB, Docker, MongoDB
LAB ADMINISTRATION	Worked on Dell PowerConnect L2 Switches
OPERATING SYSTEMS	Linux: Arch Linux, Fedora, Ubuntu Others: MS Windows, Android

AREA OF INTEREST

Natural Language Processing, Machine Learning, Operating Systems

EDUCATION

2017 -	Master of Technology COMPUTER SCIENCE Indian Statistical Institute Kolkata
2010 - 2014	Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY CALICUT, Kozhikode, Kerala Gpa: 7.03/10

ACHIEVEMENTS AND OTHER ACTIVITIES

GATE in COMPUTER SCIENCE AND ENGINEERING Rank: 434 Score: 746/1000	March 2017
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Participation

InCTF - Amritapuri, Kollam Completed as one of the finalists. 5 th position in 2013	2013
Robotics Workshop conducted by Technophillia Introduction to programming in robotics in Embedded C	2012

Positions held

Student Co-ordinator, FOSSMeet One of the largest student run Open Source meet in India	2014
Secretary, Club Mathematica Played a crucial role in organizing events for the students.	2012 - 2013
Event Manager Conducted the 1 st Rubik's cube open at college, Tathva Cube Open	2012

INTERESTS

TECHNICAL: Open Source enthusiast and advocate, Programming
OTHERS: Books, Rubik's Cube(Fastest: 22sec, Avg: 50sec), Travelling, Movies

OTHER DETAILS

Blog: <http://abijithkp.me>
Github: www.github.com/abijith-kp
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