

ABIJITH K P

Career Objective: To work in a stimulating environment where i can enhance and apply my knowledge and skills to serve the firm and the society to the best of my efforts.

PROFESSIONAL EXPERIENCE

Aricent - Gurgaon, Chennai Sept 2014 - Current
Contributed in optimizing the running time of an internal Testing Automation Framework
Language: Java, Bash scripting
Helped in prototyping few internal tools using docker and configurations with L2 switches

PROJECTS

Intrusion Detection System(B-Tech Main Project) 2013 - 2014
Designed and implemented an IDS based on sequence of system calls
POC was done in pure C and one of the aims of the project was to get a clear idea on how IDS works
Guide: Dr.Vinod Pathari

Compiler for a small language(Simple Integer Language) 2012 - 2013
Written using Lex and YACC

Contributed to Bash 2048, a Github project
Project link: <https://github.com/mydzor/bash2048>
Contribution: Saving functionality

Interpreter on top GCC compiler using BASH 2013
Hobby project to learn bash scripting.
It works similar to the python interpreter. All the include statements, instructions etc can be given at the run time.

Sentiment Analysis using linguistic approach(Course Project) 2012 - 2013
Project based on Natural Language Processing

COMPUTER SKILLS

Programming Languages	Intermediate: C, Bash Scripting, Python Basic: Java, Android Used Before: C++, Lisp, NASM, Android, PHP
Tools	Intermediate: Vim, Git, GDB, Docker, MongoDB, Flask Basic: Lex, YACC, Eclipse IDE, Latex
Lab Administration	Worked on Dell PowerConnect L2 Switches
Operating Systems	Linux: Arch Linux, Fedora, Ubuntu Others: MS Windows, Android

EDUCATION

May 2014 Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT, Kozhikode, Kerala
Gpa: 7.00/10

NON-ACADAMIC ACTIVITIES

Participation

InCTF - Amritapuri, Kollam 2013, 2014
Completed as one of the finalists. 5th position in 2013

Robotics Workshop conducted by Technophillia 2012
Introduction to programming in robotics in Embedded C

Positions held

Student Co-ordinator, FOSSMeet 2014
One of the largest student run Open Source meet in India

Secretary, Club Mathematica 2012 - 2013
Played a crucial role in organizing events for the students

Event Manager 2012
Conducted the 1st Rubik's cube open at college, Tathva Cube Open

INTERESTS

Open-Source, Programming
Security, Operating Systems, Data Mining
Rubik's Cube(Fastest time: 22sec), Travelling, Movies

OTHER DETAILS

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