Ankit Deepak

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EDUCATION

NITK SURATHKAL
Btech in Computer Science
Expected May 2017
CGPA after V sem: 9.14 / 10

CHINMAYA VIDYALAYA
Grad. May 2013 | Bokaro, India

ST FRANCIS SCHOOL
Grad. May 2011 | Deoghar, India

LINKS

Github:// **adeepkit01**
LinkedIn:// **ankit-deepak**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Design and Analysis of Algorithms
Operating Systems
Distributed Computing Systems
Computer Networks
Computer Architecture

SKILLS

PROGRAMMING
Fluent
Java • C • C++ • Python
Django • NS3 • LaTeX
Familiar:
Ruby • HTML • CSS • MySQL
• Android • Shell

EXPERIENCE

MOOG FLIGHT CONTROL |Summer Intern
June 2015 | Bangalore, India
- Build an embedded system for flight controls on a Jetson Tegra TK1 chip utilising all the cores efficiently

CONCAT | Summer Intern
May- July 2015 | Work From Home
- Built API for this Django based website and optimised the search

PROJECTS

PARALLEL DYNAMIC APPROACH FOR DATA ANALYSIS
Publication on data analysis and pattern recognition accepted by ICRCICN 2015, Kolkata

RANDOM NUMBER GENERATOR | Uses Surrounding to Genrate Randomness
November 2015 | NITK Surathkal
Uses surrounding sound, light, network congestion as source of randomness to generate random numbers.

VISUAL CRYPTOGRAPHY | Generating Shares to Hide and Image
November 2015 | NITK Surathkal
Uses pixel expansion and block replacement to achieve encryption.

DHCP IN NS3 | Added DHCP module in NS3
November 2015 | NITK Surathkal
Added DHCP module in NS3, patch under review by NS3 community

IDE FOR C, C++, JAVA & PYTHON | All in one IDE for Windows User
November 2015 | NITK Surathkal
An IDE which uses Java in frontend and Python for backend and needs a Linux server in backend.

OTHER PROJECTS

2015   Experimented with video transfer on Orbit Testbed
2015   Designed an adaptive round robin scheduler for multicore systems
2015   A renting website in Django and sqlite
2015   An android apps for patients to check their symptoms
2015   An operating system using COSMOS
2015   A clone of AKAROS scheduler and its application in real life
2015   Survey on security operating systems
2015   Designed a puzzle game at Microsoft Code Fun Do
2015   Was the part of team that developed Android game Swipeball
2014   A digital clock using basic logical circuits

ACTIVITIES AND ACHIEVEMENTS

Treasurer of Web Enthusiast's club NITK
Executive Member of IE NITK
NTSE Scholar
Qualified the first level of INOI twice