

Aayush Sarva

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EDUCATION

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY
Communication and
Computer Engineering
Expected Jul '16 | Jaipur, Raj.
CPI: 8.33 / 10.0

DEFENCE PUBLIC SCHOOL HIGHER SECONDARY EXAM | CBSE

May '12 | Jaipur, Raj.
86.8 %

ST. STEPHEN'S SR. SEC. SCHOOL

SECONDARY EXAM | CBSE
May '10 | Ajmer, Raj.
GPA: 10.0 / 10.0

LINKS

Github:// [checkaayush](#)
LinkedIn:// [checkaayush](#)

ACHIEVEMENTS

WINNER

SocialCops Hackathon | Jun '15
Geographical shapefile creation
from Google Maps | Team of 3

WINNER

IEEE Bio-Imaging Contest | Apr '13
Breast Cancer cell segmentation
in given image dataset | Team of 2

STATE TOPPER

ALOHA Mental Arithmetic
Competition | Oct '07

RUNNERS-UP

Intra-University Programming
Contest | Team of 2 | Sept '13

FIRST PRIZE

Academic Excellence
in school | Mar '11

STATE RANK : 7th

State Science Talent Search
Examination | Jun '09

EXPERIENCE

SOCIALCOPS | DATA ENGINEERING INTERN

May '15 – Jul '15 | New Delhi

DEVELOPMENT

- Developed a Python utility on top of PyDrive library for synchronized and automatic upload of data to Google Drive
- Developed RESTful API endpoints for an entity recognition engine which facilitates natural language querying and fuzzy search

DATA PARSING

- Engineered parallel and distributed web-scraping and parsing architectures for obtaining open data (~815 M rows)

DEVOPS

- Wrote shell scripts to deploy web-scrapers and manage states across multiple remote servers and hosts from a single machine

PROJECTS

INVENTORY MANAGEMENT SYSTEM

The LNM Institute of Information Technology

Feb '15 - Apr '15

- Engineered a basic application with a strong RESTful back-end architecture for managing college inventory and complaints in a team of 4
- I developed the API service endpoints for inventory-related use cases

FEEDBACK MANAGEMENT PORTAL

The LNM Institute of Information Technology

Oct '14 - Nov '14

- Designed and developed a web-based student feedback portal in a team of 2
- I developed the front-end functionality using JSP

PORTABLE REAL-TIME HEART RHYTHM MONITOR

Indian Institute of Technology, Delhi

May '14 - Jul '14

- Prototyped a 3-probe Electrocardiograph using low precision circuitry, thereby bringing down the cost of preliminary cardiovascular analysis to 1000 INR

TECHNICAL SKILLS

LANGUAGES

C/C++, Java, Python

WEB

HTML5/CSS3, JavaScript, Node.js, Selenium (familiar)

FRAMEWORKS

Spring, Hibernate ORM, Apache Maven, Scrapy

DATABASES

MongoDB, MySQL

TOOLS

Git, Shell Scripting, MATLAB, Elasticsearch, Android (familiar)

PLATFORMS

GNU/Linux, Windows

ACTIVITIES

- TEACHING ASSISTANT | OBJECT-ORIENTED PARADIGM | Jan '15 - Apr '15
- ASSISTANT COORDINATOR | CYBROS (CS CLUB) | Apr '15 - Present
- EVENT COORDINATOR | FIX THE BUG | Plinth '15
- CONTENT CURATOR | 4 INTRA-UNIVERSITY PROGRAMMING CONTESTS
- ACTIVE MEMBER | CYBROS | Jun '13 - Mar '15
- STUDENT MENTOR | COUNSELLING CELL | Jun '13 - Apr '15