

Aayush Sarva

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EDUCATION

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY
Communication and Computer Engineering
Expected May '16 | Jaipur, Raj.
CPI: 8.52 / 10.0

DEFENCE PUBLIC SCHOOL
HIGHER SECONDARY | CBSE
May '12 | Jaipur, Raj.
SCORE: 86.8 %

ACHIEVEMENTS

WINNER

SocialCops Hackathon | Jun '15
Geographical shapefile creation from Google Maps | Team of 2

WINNER

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

RUNNERS-UP

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

STATE RANK : 7th

State Science Talent Search Examination | Jun '09

STATE TOPPER

ALOHA Mental Arithmetic Competition | Oct '07

SKILLS

LANGUAGES

C, Java, Python, JS

WEB

Express (Node.js), Play Framework

DATABASES

MongoDB, MySQL

TOOLS

Shell, Elasticsearch

EXPERIENCE

SOCIALCOPS | DATA ENGINEERING INTERN

May '15 – Jul '15 & Dec '15 | New Delhi

DEVELOPMENT

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

DATA PARSING

- Engineered a distributed web-scraping utility for obtaining open data (~815 M rows)

DEVOPS

- Automated Docker workflow supporting multiple internal projects
- Deployed and managed web-scrapers across multiple remote servers

AUTOMATE.IO | BACKEND ENGINEERING INTERN

Oct '15 – Present | Remote

- Building custom integrations for cloud applications like Twitter, Mailchimp, etc.
- Developed a JS utility for automated testing of cloud application workflows

PROJECTS

INVENTORY MANAGEMENT SYSTEM

The LNM Institute of Information Technology

Feb '15 - Apr '15

- Engineered an application with RESTful 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
- Brought down the cost of preliminary cardiovascular analysis to 1000 INR

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