

Lakshmanaram

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Algorithmic programmer • Android Application developer • Open Source Contributor

EDUCATION

NIT, TRICHY (NITT)

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

Expected May 2018 | Trichy, India
Cum. GPA: 8.82 / 10.0

MAHARISHI VIDYA MANDIR

Grad. 2013 | Chennai, India
Graduating Percentage: 94.2%

LINKS

Github:// [LAKSHMANARAM](#)

LinkedIn:// [LAKSHMANARAM](#)

Hackerrank:// [LAKSHMANARAM](#)

Codeforces:// [HENRY_COLEBROOKE](#)

Codechef:// [SUICUNE](#)

COURSEWORK

UNDERGRADUATE

Algorithms & Data Structures

Cryptography

Multimedia systems

Database Management Systems

Operating Systems

Computer Organisation &

Architecture

Computer Networks

Micro Processors & Controllers*

Parallel Algorithms*

INDEPENDENT

Machine Learning by Andrew N G*

Design and Analysis of Algorithms

Part 1 & 2 by Stanford University

SKILLS

ALGORITHMIC CODING

ANDROID DEVELOPMENT

ROBOTICS

PROGRAMMING LANGUAGES

Over 10000 lines:

C++ • C • Python

Over 5000 lines:

Shell • Java • Octave

FAMILIAR

SQL • Git • UNIX Environment

EXPERIENCE

SKCRIPT | SOFTWARE DEVELOPER INTERN

December 2016 | Chennai

- Developed a resume parser which extracts key features from uploaded resume using regex and natural language processing.
- Developed basic Machine learning neural network models for teaching tutorials.

DELTA FORCE | SOFTWARE DEVELOPER • APPLICATION DEVELOPER

Aug 2015 - PRESENT | National Institute of Technology, Tiruchirappalli

Active member of Delta Force, the premier coding club of NIT, Trichy.

- Developed mobile applications (Android) for university related activities, student Community and technological festivals
- Set Problems for Algorithmic contests hosted by Delta Force & Pragyan, NITT
- Tutor at the Algorithms Special Interest Group, NITT

OPEN SOURCE

INCOR PYTHON APP | [GITHUB](#) | [INCOR.READTHEDOCS.IO](#)

Authored a Python package INSTANT CODE RUNNER | 550+ downloads

- Uses Watchdog APIs to track changes made in the input path
- Executable files are run as and when they are changed
- Automatically populates the newly created files with template codes

STEGANOGRAPHY MULTIMEDIA SYSTEMS PROJECT | [GITHUB](#)

An Adaptive Least Significant Bit Steganography Technique

- Uses Chaos logistic mapping & Genetic algorithm to reduce Stego distortion

PRAGYAN'16 ANDROID APP | [GITHUB](#) | [GOOGLE PLAY STORE](#)

Developed an android application for Pragyan, India's second largest Techno-management fest | 4500+ downloads & 4.8/5 rating

- Successfully aided the Participants & organizers during Pragyan by providing essential information from local databases & periodic API calls
- Uses GCM for push notifications & has QR integrations for easy registration

SUDOCABULARY BASH SCRIPT | [GITHUB](#) | [OMG!UBUNTU! REVIEW](#)

Core contributor in developing a terminal add-on for Linux and Mac that displays the vocabulary for a new word during every new terminal session

- Featured as one of the Weekly Trending Shell Projects on Github | 60+ stars

ACHIEVEMENTS AND AWARDS

2017 2/495 teams

2016 Ranked 94 / 2925 teams

2016 India Rank 39

2016 World Rank 3/660

2016 Expert Title

2016 174/13000+ teams

2016 2/150+ teams

2015 Most Impactful Award

Shaastra Programming Contest

ACM ICPC Amritapuri Regionals

Hackerrank (World Rank 481)

The Great SQLizer October, Hackerearth

Codeforces

Codechef Snackdown (India Rank 37)

Shaastra Circuit Design Challenge

Ingenius Hackathon, Bangalore