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: 8.87 / 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 | Project - CVscan
- Developed a resume parser CVscan which extracts key features from uploaded resume using Regex matching 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

Year	Rank	Event
2017	2/495 teams	Shaastra Programming Contest
2016	Ranked 94 / 2925 teams	ACM ICPC Amritapuri Regionals
2016	India Rank 57	Hackerrank (World Rank 607)
2016	World Rank 3/660	The Great SQLizer October, Hackerearth
2016	Expert Title	Codeforces
2016	174/13000+ teams	Codechef Snackdown (India Rank 37)
2016	2/150+ teams	Shaastra Circuit Design Challenge
2015	Most Impactful Award	Ingenius Hackathon, Bangalore