

Lakshmanaram N

Algorithmic programmer | Android Application developer | Open Source Contributor

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

2014 - 2018 | Tiruchirappalli, India
Cum. GPA: 8.82 / 10.0

MAHARISHI VIDYA MANDIR

Grad. 2013 | Chennai, India
94.2% Mark Aggregate in Class 12
A1 in all 5 subjects in Class 10

LINKS

Github:// [lakshmanaram](#)
LinkedIn:// [lakshmanaram](#)
Hackerrank:// [lakshmanaram](#)
Codeforces:// [henry_colebrooke](#)

SKILLS

ALGORITHMIC CODING

ANDROID APP DEVELOPMENT

in Android studio

ROBOTICS

Embedded Software Programming •
Basic Electronics • Micro-
controllers MSP430, Arduino Mega
2560, FireBird V

PROGRAMMING LANGUAGES

Over 5000 lines:
C++ • C • Python • Java
Over 1000 lines:
shell

EXPERIENCE

RESEARCH EXPOSURE FOR UNDERGRAD | EXCHANGE STUDENT

May 2016 - June 2016 | Institute of Mathematical Sciences, Chennai
Attended Courses on potential Theoretical Computer Science fields. Received a stipend and gave a presentation on "Exact Exponentiation and parameterized algorithms for finding Odd Cycle Transversal in a graph"

DELTA FORCE | APPLICATION DEVELOPER

August 2015 - PRESENT | National Institute of Technology, Tiruchirappalli
Delta Force is comprised of an eclectic bunch of programming enthusiasts, passionate about leveraging our technical expertise to develop impactful cross platform applications for both institute related activities and the community.

PRAGYAN | WORKSHOPS COORDINATOR

August 2015 - July 2016 | National Institute of Technology, Tiruchirappalli
Pragyan is the annual International Techno-Managerial Festival of NIT Tiruchirappalli

PROJECTS

INCOR | PYTHON PYPI PACKAGE

INstant COde Runner runs the programs present in the mentioned directory instantaneously as and when changes are saved • supports the use of templates and input files • reports the execution time

ATTENDANCE MANAGER | ANDROID APPLICATION

An android application for students of NIT, Trichy which can Automatically Track Student attendance and Act as a medium for announcements

TEXTBOT | ROBOT

2 DOF bot that helps in record maintenance systems. It involves an android app as interface and uses an hybrid of RFID sensor recognition system & image processing for locating records

PRAGYAN'16 | ANDROID APPLICATION

Pragyan is the annual-Techno management fest of NITT, This app with over 4500+ downloads aids the Participants and event managers by acting as a medium of announcements and other details about the various events

MINESWEEPER | C++ APPLICATION

A minesweeper desktop game application with lots of extra customizations.

ACHIEVEMENTS

Awarded **KVPY Fellowship 2013**.

Second Prize in the Shaastra Circuit Design Challenge and **Third Prize** in the Reverse Coding events of Shaastra'16. **First Prize** in Reverse Coding event of Sampark'16. **Third Price** in the Crazy Programming event of Inter-Hostel Technical Tournament organized by Pragyan 2015.

Finalist in Hunt the code events of Pragyan'15, Pragyan'16, Shaastra'15 (IITM annual Technical Fest), Vortex'15 (CSE Symposium, Nitt), Vortex'16, in Mathz event of Vortex'16 and also in Puzzle Champ event of Shaastra'16.

1 Gold, 14 Silver & 5 Bronze medals in various contests and **World ranking of 302** with rating 3286 in HackerRank.

Won '**Simple yet the most Impactful Idea**' award in ingeniushack'15 conducted by P.E.S Institute of Technology, Bangalore South Campus.