N Praveen Chandhar

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EDUCATION

NIT TRICHY
BTech in Computer Science
Minor in Management Studies
Expected May 2021 | Trichy, TN
Cum. GPA: 8.94/10.0

KV - 2, KALPAKKAM
May 2017| Kalpakkam, 603102
96% in class XII board CBSE
CGPA 10.0 in class X Board CBSE

LINKS

Github: **gigatesseract**
LinkedIn: **praveen27**
Personal: **gigatesseract.github.io**

COURSEWORK

UNDERGRADUATE
Machine Learning
Principles of Cryptography
Data Structures and Algorithms
Graph Theory
Operating Systems
Computer Architecture
Inter-networking Protocols
Database Management and Systems
Online
Machine Learning by Stanford
Data Analysis and Visualization - TakenMind

SKILLS

TEAMS
Spider R&D Club
Developer Students Clubs, NITT
Workshops and Informals, Festember
Maximus, Math Society of NITT
Former Coordinator - NITTFEST

PROGRAMMING
Over 2000 lines:
HTML/CSS/JavaScript • C/C++
Over 1000 lines:
• Python • NodeJS • PHP
Working Knowledge in:
Firebase • Tensorflow • NumPy •
Pandas • Scrapy • ReactJS

HOBBIES & INTERESTS
Chess • Keyboard • Violin

EXPERIENCE/PROJECT WORK

SOFTARE ENGINEER INTERN | RUBRIK, INC
April 2020 – Present
- Working on a log standardisation utility that can accumulate logs across various test runners and unite them in a single interface for faster triaging and maximisation of product resilience.

SPORTSFETE'19 | INTER-DEPT SPORTS FEST OF NIT TRICHY
September 2019
- Developed the backend using Firebase for the application, which serves all latest updates regarding the festival.
- Built a tiny search enging that can pull out achievements of participating people.

BEE-BOTS | SPIDER, NIT TRICHY
July 2019 - present
- Implemented a Blockchain based decentralised swarm robotics system that is capable of assembling blocks to form complex structures in a multi bot environment.

SUMMER RESEARCH INTERN | IGCAR
May 2019 – June 2019
- Built an information retrieval system using Tornado in Python for a knowledge base consisting of questions related to the Nuclear Domain, and optimised it for deployment and packaged the code as an RPM package.

ON-DUTY PORTAL | CAMPUS DEVELOPMENT, SPIDER
Jan 2019 – Feb 2019
- Worked on front-end of the ON-DUTY portal site - used for applying for On-Duty for various college related activities (Django+ReactJS)

LOGAI | SPIDER, NIT TRICHY
Feb 2019 - March 2019
- Worked on the DL part of a Django web application that can listen to server error logs and classify them based on severity and frequency using TensorFlow in Python, for the Smart India Hackathon, 2019.

PUBICATIONS
- S.Karthik, N.P.Chandhar, S.Chander, et al., "Bee-Bots: A blockchain based decentralised swarm robotic system", ICCAR, Singapore, April 2020. [Accepted]

AWARDS

Year	Rank	Event
2019	1st	Smart India Hackathon, 2019
2018	Top 5	Pragyan Hackathon, 2018
2018	Finalist	Hunt the Code, Vortex
2017	top 1/97	National Quiz by Indian Institute of Metals
2017	2/56	Brahma Prakash Memorial Material Science Quiz
2017	2/46	43rd JNSMEE Science Quiz National Level