

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

SOFTWARE ENGINEER INTERN | RUBRIK, INC

April 2020 – June 2020

- Built a log standardisation utility that can accumulate logs across various test runners and unite them in a single interface for faster triaging.
- The tool was further integrated into the existing Rubrik testing ecosystem, as Proof of Concept. Built using Django and ReactJS (UnstatedJS)

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.

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 for a knowledge base consisting of questions related to the Nuclear Domain.
- Uses tf-idf indexing and BM25 scores to fetch the most relevant sentence for a given query.

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.

AWARDS

| | | |
|------|-----------------|---|
| 2020 | Participation | InOut Hackathon, 2019 |
| 2019 | 1 st | Smart India Hackathon, 2019 |
| 2018 | Top 5 | Pragyan Hackathon, 2018 |
| 2017 | top 1/97 | National Quiz by Indian Institute of Metals |
| 2016 | State 3 | Junior Mathematical Olympiad (JMO) |