Akshat Karani

akshatkarani@gmail.com | +91 8454864451 | Mumbai, India

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
B.Tech in Computer Science and Engineering
Grad. April 2021 | Dharwad, India
CPI: 8.94 / 10.00

MUMBAI UNIVERSITY
Class XII
2017 | Mumbai, India
87.08%

SKILLS

PROGRAMMING
•python • C++ • Java
Familiar:
• JavaScript • Go • Bash

WEB DEVEOPMENT
• Node.js • Angular • Express
• Django • SQL

OTHERS
• Git

EXTRACURRICULARS

- Mentor at Open Source Society - A community at IIT Dharwad to promote open source and coordinate events.
- Represented IIT Dharwad in Inter-IIT Tech Meet 2019 in event of CTF.
- Completed Hacktoferbest 2018, 2019 challenge by contributing to various open-source projects.
- Represented IIT Dharwad in Inter-IIT Sports Meet 2017 as part of the Football team.
- Student Mentor at IIT Dharwad - Helping freshers to adjust to this new life, advice them about academics and hostel life.

LINKS

GitHub:// akshatkarani
LinkedIn:// akshat-karani
Webpage:// akshatkarani.github.io

ABOUT

Final Year Undergraduate looking for full time opportunities in Software Engineering roles.

EXPERIENCE

GOOGLE SUMMER OF CODE 2019 | WITH COALA
May 2019 – August 2019 | Remote
- Worked as Google Summer of Code Student to develop open-source software for coala.

COALA DEVELOPMENT GROUP | CONTRIBUTOR
November 2018 – Present | Remote
- Member of coala open-source organization, actively contributing in the form of fixing bugs, code review, documentation.

PROJECTS

RANDOMIZED TSP | PYTHON
- A python package for solving Travelling Salesman Problem using Randomized Algorithms.
- Implemented Ant Colony Optimization, Genetic Algorithm and Simmulated Annealing.

MICRO COMPILER | C++ | FLEX | BISON
- A compiler for MICRO language using flex, bison and C++.
- Implemented variable declaration, expressions and function calls.

TOPIC MODELING USING LDA | PYTHON | NLP
- Topic modeling IIT Dharwad broadcast e-mail using Latent Dirichlet Allocation.
- Used gensim's implementation of LDA and used pyLDAvis to visualize the results.

SPORTS EVENT MANAGEMENT SYSTEM | Node.js | Angular
- A sports event management system.
- Back-end in Node.js, front-end in Angular, and PostgreSQL as Database

TENDERA | Django
- A Tenders and business and listing portal.
- Connecting organizations and businesses where organizations can post their requirements and businesses can apply.

TWITTER BOT | PYTHON
- A bot to mirror posts from reddit and post it on Twitter https://twitter.com/jus_for_laughs.

MASTERMIND | GO
- A version of simple code breaking game Mastermind.
- Implemented Mini-max algorithm to find best guess.