

AKSHAT RAMESH KARANI

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ABOUT

Open-source enthusiast, interested in Decentralized applications and Artificial Intelligence.

TECHNICAL EXPERIENCE

Google Summer of Code with coala — May 2019 - August 2019

Working on implementing a Next Generation Action system.

coala development group — November 2018 - Present

Member of coala open-source organization, actively contributing in form of fixing bugs, code review, documentation.

PROJECTS

Tendera - Tenders and Business listing portal — Django

A website to post tenders and business listings, to provide a marketplace for making deals.

Topic modeling using LDA — Python

Topic modeling on IIT Dharwad broadcast email using Latent Dirichlet Allocation.

Mastermind — Go

A version of simple code-breaking game Mastermind. Implemented a minimax algorithm to find the best guess.

Data Structures and Algorithms — C++

Collection of simple and some advanced data structures and algorithms in C++.

Attendance tracking system — Python, Django

Created a face recognition based automatic attendance tracking system using OpenCV library during a hackathon.

EDUCATION

Indian Institute of Technology Dharwad B.Tech CPI 8.76/10.00	Mumbai University Intermediate/+2 87.08%	CBSE Matriculation CGPA 10/10
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TECHNICAL SKILLS

Programming Languages

Python, C++, HTML, CSS, SQL, Familiar with JavaScript, Go, PHP, Bash

Frameworks and Tools

Django, Git

EXTRACURRICULARS

- **Student Mentor at IIT Dharwad** - Helping freshers to adjust to this new life, advice them about academics and hostel life.
- **Mentor at Open Source Society** - A community at IIT Dharwad to promote open source and coordinate events.
- Completed **Hacktoberfest 2018** challenge by committing to various open-source projects.
- Represented IIT Dharwad in **Inter-IIT Sports Meet 2017** as part of the Football team.
- Secured 2nd position in an inter-branch football tournament.

ADDITIONAL INFORMATION

- **Relevant coursework:** Pattern Recognition and Machine Learning, Data Structures and Algorithms, Design and Analysis of Algorithms, Data Analysis, Linear Algebra
- **Other Interests:** Finance, Football