

# AKSHAT RAMESH KARANI

2nd Year Undergraduate, Computer Science and Engineering  
Indian Institute of Technology Dharwad

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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 - Present

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.

**Bulls and Cows** — 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

Examination	University	Institute	Year	CPI/%
3 <sup>rd</sup> Semester	IIT Dharwad	IIT Dharwad	2019	9.02/10.00
Intermediate/+2	Mumbai University	Hill Spring Jr. College	2017	87.08%
Matriculation	CBSE	Holy Angels' School	2015	10.00/10.00

## TECHNICAL SKILLS

**Programming Languages** Python, C++, HTML, CSS, SQL, Familiar with JavaScript, Go, PHP, Bash  
**Frameworks and Tools** Django, Git

## ACHIEVEMENTS & 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** - An 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 Football team.
- Secured 2<sup>nd</sup> position in an inter-department football tournament.

## ADDITIONAL INFORMATION

- **Relevant coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Data Analysis, Linear Algebra, Economics
- **Interests:** Blockchain, Artificial Intelligence, Decentralized Applications, Finance, Football