

# Sriya Sainath

<http://sriyasainath.me/>  
sainathsriya@gmail.com | +91-8342036899 | 0674-2589618

## CAREER OBJECTIVE

To achieve a promising position in a stimulating workplace such that my skills and capabilities are optimally utilized for organizational and personal development.

## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Expected 2019 | Rourkela, India

First Position in Academics

Cum. GPA: 9.92/10

### LOYOLA SCHOOL

INTERMEDIATE, SCIENCE

2015 | Bhubaneswar, India

Academic Excellence Award for 10+2

Percentage: 95.60 / 100

### LOYOLA SCHOOL

MATRICULATION

2013 | Bhubaneswar, India

LOYOLA SCHOOL

Percentage: 93.33 / 100

## LINKS

Github:// [sriyasainath](#)

LinkedIn:// [sriya-sainath](#)

## COURSEWORK

### UNDERGRADUATE

Linear Programming

Algorithm Analysis and Design

Computer Organization and Architecture

Data Structures and Algorithms

Database Management Systems

Principles of Programming Languages.

## SKILLS

### General Programming

JAVA, Python, C, C++

### Databases

MySQL, ORACLE, SQLite

### Frameworks

DJANGO, Bootstrap

### Markup and Style Sheet Languages

HTML, CSS

### Computer-Aided Design

AutoCAD, SolidWorks

### Others

JavaScript, MATLAB, Git, MS Office, LaTeX

## EXPERIENCE

### IIT BOMBAY, PROJECT EKALAVYA | INTERN | MAY-JULY, 2017

<https://github.com/sbhs-iitb/>

- Open Source Knowledge Initiative under the National Mission on Education through ICT.
- Worked on developing a remote-triggered virtual laboratory.
- Implemented a load-sharing and scalable architecture.
- Created a reliable master-slave system with a centralized database to avoid data inconsistencies.

### JINDAL STAINLESS LIMITED | INTERN | DECEMBER, 2016

- Conducted a study on the existing Internet Security features along with the overall functioning of the IT department
- Worked on establishing the IT policies of the industry.

## PROJECTS

### SELF-REGULATING TRAFFIC MANAGEMENT SYSTEM

AUGUST 2017-PRESENT

Built a City Grid Simulator to model real-time traffic and implemented path-finding algorithms using data analyzed by processing live videos.

### CONTROLLABLE BOT | JUNE-JULY, 2016

A robot whose movement can be controlled, viewing the path through a camera installed for detecting obstacles or fire hazards. It can be directed with an Android phone.

### NIT ROURKELA ALUMNI ASSOCIATION | JUNE-JULY, 2017

Website development for the NIT Rourkela Alumni Association(NITRAA) that serves to connect various alumni and students together.

### HARDWARE MUSEUM | 2016-2017

Created and presented a hardware museum under the technical society of NIT Rourkela.

### AUTHORIZED CHATTING APPLICATION | MAY-JUNE, 2016

An interactive application that allows unique user registration and both private, one-to-one messaging and a general discussion forum.

## AWARDS

2015	ISC Topper	Kingston Education Awards
2015	First Rank, HSC	Inductotherm (India) Pvt. Ltd. Scholarship
2015-17	1 <sup>st</sup> position	First and Second year, NIT Rourkela
2014-15	State	Science, Maths, English Olympiads (NSO,IMO,IEO)
2012	School	Best Athlete
2015	School	Academic Excellence Award for 10+2
2010	Best Player	Throw-ball
2017	1 <sup>st</sup> position	Disaster Diagnostics
2010	1 <sup>st</sup> position	Script Writing
2009	Team Captain	Basketball (Runners-up)

## EXTRA-CURRICULAR ACTIVITIES

2017-Present	Mentor	Student Counselling Program
2016-17	Dean's Nominee	Games and Sports Society
2015-Present	Vice President	Clarion (Debating/Literary Club)
2017-Present	Technical Head	D361 (Magazine and Website)
2015-Present	Creative Head	SPAWN (Technical Club)
2016-17	Journalist	Monday Morning (E-newsletter)
2015-Present	Writer	Et Cetera (Literary Website)
2017-Present	Member	AASRA (Social Service Club)