

# Sriya Sainath

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## 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  
Cum. GPA: 9.92/10

INTERMEDIATE, SCIENCE  
2015 | Bhubaneswar, India  
Loyola School  
Academic Excellence Award for 10+2  
Percentage: 95.60 / 100

**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  
**Other Software**  
JavaScript, MATLAB, MS Office, LaTeX

## EXPERIENCE

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

- 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 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, and which 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)