

Rishav Kundu

<https://rishav.io>
rishav.kundu98@gmail.com | +91 89615 02938

EDUCATION

SRM UNIVERSITY

B.Tech. in Computer Science
Expected May 2021 | Chennai, IN

DELHI PUBLIC SCHOOL

CBSE - 91.0% | PCM + CS
Grad. April 2017 | Kolkata, IN

LA MARTINIERE FOR BOYS

ICSE - 95.8%
Grad. May 2011 | Kolkata, India

LINKS

Github:// [xrisk](#)
Codechef:// [xrisk](#)
Codeforces:// [xrisk](#)

SKILLS

PROGRAMMING

Proficient:

Python • Arduino • C++ • Web Design
Java

Familiar:

Javascript • Android • Shell • NodeJS

SYSADMIN

Experienced with cloud technologies.
AWS • Digital Ocean • Heroku

ROBOTICS

• Localisation • Wireless
Communication • Drive Systems

INTERESTS

- [Classical Algorithms](#)
- [Web Technologies](#)
- [Containers and Sandboxing](#)
- [Distributed Systems](#)
- [Machine Learning](#)
- [Wireless Communication](#)
- [Internet of Things](#)
- [Security](#)

EXPERIENCE

SRM TEAM ROBOCON | Systems Engineer

May 2017 - May 2018

- Helped build robots to compete in the national ABU Robocon 2018
- Was responsible for the design of a fully autonomous robot
- Recruited the next batch of students for the team

COPYLEFT GAMES | Google Code-In Finalist & Mentor

Dec 2015 - Feb 2017

- 40 out of 800 students chosen to be a GCI Finalist.
- Wrote backend services in Python for Copyleft.
- Mentored Google Code-in students for Copyleft Games (2016).

INDIAN COMPUTING OLYMPIAD | Competitive Programming

2014 - Present

- Was one of 26 high school students to be selected for the International Olympiad of Informatics Training Camp (IOITC).
- Qualified for the Indian National Olympiad of Informatics (INOI) (3x).
- Actively compete on platforms such as Codechef and Codeforces.

PROJECTS

ZERK | Real-time Markdown Renderer

<https://rishav.io/zerk>

Built a Markdown rendering system in JavaScript with a real-time preview system. Javascript • CSS

WIRELESS ROBOT CONTROLLER

<https://github.com/xrisk/JoystickApp>

Built an Android app for low-latency communication with a Raspberry Pi.
Kotlin • Python

LIBREPAD | Collaborative online IDE

<https://rishav.io/librepad>

- Built a collaborative browser-based editor for writing code.
- Implemented a sandboxing mechanism for code execution on the server.

Python • Shell • Javascript

WEBDL | YouTube video extractor

<https://github.com/xrisk/webdl>

- Built an online YouTube downloader with support for audio extraction.
- Optimised it for low-end devices with no JavaScript support.

Python • youtube-dl • HTML

AWARDS

2014	2/11	CodeQuest
2015	11/200	Procon Junior
2016	National	Indian National Olympiad of Informatics (INOI) Finalist
2018	Round 3	ABU Robocon 2018