Sachin Kumar Singh

https://sachinkumarsingh092.github.io
Github : sachinkumarsingh092
LinkedIn : sachin-kumar-singh-244448188

Email : sachinkumarsingh092@gmail.com
Mobile : +91-8851632324

EXPERIENCE

- **Google Summer of Code'20** — The GNU project
  Student Developer at GNU-Astro — *May 2020 – August 2020 (ongoing)*
  https://summerofcode.withgoogle.com/projects/#4950581673721856
  - Made a library and a CLI interface to interconvert different distortion types present in different astronomical datasets providing uniformity when different software are used in an analysis pipeline.
  - Working on a library to match astronomical images within large cataloge by using reverse index method. The library is highly modular than existing software and is written entirely in C making it highly scalable and efficient.
  - Simultaneously working on a library to register the images within a single system making it easier to find, compare and integrate the data obtained from different measurements and surveys.

- **India Linux User Group** — Delhi NCR
  Open Source contributor
  http://www.linuxdelhi.org
  - Made contributions on their messaging bot providing more functionality and improving code quality.

PROJECTS

- **QuantSoftware Toolkit** Open source python library for financial data analysis and machine learning for finance.

EDUCATION

- **University School of Information, Communication and Technology** — GGSIPU, New Delhi
  Bachelor of Technology(Information Technology); CGPA: 7.6 — *Aug. 2018 – July. 2022(Expected)*
  Relevant Coursework: Data structures and Algorithms, Software Engeneering

- **Pratap Public School** — Karnal, Haryana
  Higher Secondary; Percentage: 93%
  CGPA in 10th grade: 10