

Nilanjana Lodh

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EDUCATION

IIST, SHIBPUR

B.TECH IN COMPUTER SCIENCE
Grad May 2018 | Howrah, India
GPA: 9.2 / 10.0

JULIEN DAY SCHOOL

INDIAN SCHOOL CERTIFICATE EXAMINATIONS
Grad. May 2018 | Kolkata, India
GPA: 96.5%

LINKS

Github:// [nilanjanalodh](#)
LinkedIn:// [nilanjana-lodh](#)

SKILLS

PROGRAMMING

Over 5000 lines:
Java • C • C++

Over 1000 lines:
MySQL • Python • Scala
• Javascript

COURSEWORK

UNDERGRADUATE

Operating Systems
Algorithms
Database systems
Artificial Intelligence
Computational graphics

EXPERIENCE

GOOGLE | SOFTWARE ENGINEER

July 2020 – Present | Bangalore, India

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MEDIA.NET | PLATFORM ENGINEER

July 2018 – July 2020 | Mumbai, India

Part of auto-optimization data engineering team.

- Set up and managed ETL pipelines for other teams with data rates of the order of million messages per minute.
- Developed a prototype for automating resource recommendation for spark streaming jobs on the yarn cluster
- Created a data pipeline management tool - which allowed dev team to offload data pipeline management to the operations team and drastically cut down the time to set up a pipeline

LINUX FOUNDATION | GOOGLE SUMMER OF CODE DEVELOPER

May 2017 – Aug 2017

- Worked on the Common Printing Dialog Project which aims to fix the anomalies in user experience in print dialogs, and improve it.
- Developed DBus activatable CUPS, IPP Print Backends for Common Print Dialog
- Developed Frontend and Backend Libraries for the dialog which enable the dialog frontend and backends to communicate over D-Bus

BREEZY | SOFTWARE DEVELOPER INTERN

Jun 2018 – July 2018

- Breezy is an enterprise cloud printing solutions company.
- I developed the prototype for the Google cloud print connector service for relaying jobs over to the breezy server.