

# HIMANSHU MISHRA

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## EDUCATION

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**Indian Institute of Technology (IIT) Kharagpur**, West Bengal, India 2014 – Present

*Undergraduate* Major in Mathematics and Computing, CGPA : 7.14/10

**Intermediate**, Gorakhpur, UP, India · CBSE – CPI 88% 2012 – 2014

**High School**, Gorakhpur, UP, India · CBSE – GPA 10.00 2012

## PROJECTS

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**Google Summer of Code 2016** Stingray, Timelab Technologies Ltd. Summer 2016

*Library of Time Series Methods* Mentor: Daniela Huppenkothen

The project was to implement a single, comprehensive library for Time Series analysis with a major focus on the analysis of data received from accreting systems such as black holes and neutron stars.

- Detailed Summary - [GSoC Report](#)
- Python, heavy usage of NumPy and SciPy toolkit

**Google Summer of Code 2015** NetworkX, Python Software Foundation Summer 2015

*Implementing Add-on System* Mentor: Yingchong Situ

NetworkX is a Python library for Graph Theory and Complex Networks. The project was to design an add-on system and write wrappers for METIS and LEMON, with the use of Python wrappers,

- Detailed Summary - [GSoC Proposal](#)
- Python, C, Cython, C++, Sphinx

**Open Source Projects** 2014 – Present

*orkohunter.net/projects*

I spend an integral part of my time on GitHub, working on Open Source projects.

- Morse Talk : A Python library written for Morse Code — [GitHub](#)
- Ping Me : A cross-platform personalized Ping — [Homepage](#)
- plot2table : Extract plots from research papers and produce tables of data points. — [GitHub](#)
- Depends : Analyze dependencies of a python package — [Homepage](#)
- Keep : CLI toolkit for storing and using commands — [GitHub](#)
- Smart Ways : Using Neural Networks to suggest possible one way routes in traffic — [GitHub](#)

## SKILLS

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- Programming Languages: Python, C, Java, C++
- Platform: macOS, Linux
- Development: git, Django, Unix tools, MySQL, TensorFlow Materialize, HTML, CSS and JS

## EXTRA CURRICULAR

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- Executive Lead (Projects and Open Source), Kharagpur Open Source Society 2016 – 17
- Governor at Technology Literary Society (TLS), IIT Kharagpur 2016 – 17
- Coordinator of LLR Hall for the Open Soft Inter-Hall event at IIT Kharagpur 2016 – 17

## HONORS AND AWARDS

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- Secured **All India Rank 1549** in JEE Advanced 2014 *out of 200,000 students appeared* 2014
- Awarded the **Inspire Scholarship** by the Government of India for excellent performance. 2014