

# 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*

## 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.

- PEP8 Speaks : A GitHub integration to automatically review Python code style on PRs — [GitHub](#)
- Keep : CLI toolkit for storing and using commands — [GitHub](#)
- Morse Talk : A Python library written for Morse Code — [GitHub](#)
- plot2table : Extract plots from research papers and produce tables of data points. — [GitHub](#)
- Depends : Analyze dependencies of a python package — [Homepage](#)
- Smart Ways : Using Neural Networks to suggest possible one way routes in traffic — [GitHub](#)
- Ping Me : A cross-platform personalized Ping — [Homepage](#)

## SKILLS

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- Languages: Python, JS, C, Java, C++
- Platform: macOS, Linux
- Development: git, Django, Flask, Unix utilities, SQL databases, node, electronjs

## 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

## 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