

# NIKHIL N KANTA

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A Physics and Data Science enthusiast. Primarily interested in Business Analytics, Decision Sciences, Non-Linear Dynamical System and Network Sciences.

## EDUCATION AND SCHOLASTIC ACHIEVEMENTS

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### Indian Institute of Technology Madras

Master of Science

Department of Physics

*August 2016 - July 2018*

Overall GPA: 6.57/10

### The National Degree College, Jayanagar

Bachelor of Science

Physics, Chemistry, Mathematics.

*August 2013 - July 2016*

Overall Percentage : 70%

Ranked **337** in the **CSIR-NET** December 2017 and obtained the **JRF-NET** scholarship.

## TECHNICAL STRENGTHS

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### Computer Languages

C, Python

### Frameworks & Tools

HTML, LaTeX, git, Mathematica, TensorFlow and Keras

### Platform

Ubuntu, MacOS, Windows

### Infrastructure

AWS, Google Cloud Platform

## EXPERIENCE

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### IIT Madras

*Postgraduate Research*

May 2017 - May 2018

- Built a Network of tags from the data of website Physics Stack Exchange.
- The built Network represents a Knowledge Network whose analysis gave information about the current Knowledge of that platform.
- The Community partitions of this network yielded the Sub-fields of physics from the Knowledge Network.

## RELEVANT COURSES

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Machine Learning

Classical Mechanics

Quantum Field theory

Statistical Physics

Probability and Statistics

Dynamical Systems

Numerical Method & Computation

General Relativity & Cosmology

## POSITION OF RESPONSIBILITY

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### Live Creative Trust

*Co-founder & Secretary*

Jan 2016 - Present

Live Creative is a non-profit organization which works with Students in Bangalore to help them with career choices.

Organized talks and workshop which were attended by 200+ students.

## **EXTRA-CIRRICULAR**

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Secured first place in Hobli level Chess competition at Tumkur in Jan 2010.

Secured fourth place in Amateur Chess Tournament at IIT Madras in March 2017.

Secured second prize in Physics Speaking Contest at TheNational Degree College in Jan 2016.

Last updated on: 24 May 2019