

Shanchhith Singh Nayak

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EDUCATION

Indian Institute of Science Education and Research	Bhopal, India
BS-MS (Dual Degree): Economics (Major) and Humanities And Social Sciences (Minor)	
CPI: 7.56/10.00	2018–2023
Maria Assumpta Sr. Sec. School	Kashipur, Uttarakhand
Grade 12, Percentage :70 %	2014–2017
Maria School	Jaspur, Uttarakhand
Grade 10, Percentage :80 %	2012–2014

EXPERIENCE

Indian Institute of Management, Ahmedabad- CMHS	Ahmedabad, India
Pre-Doc Research Assistant	AY 2024
<ul style="list-style-type: none">– Conducting quantitative and qualitative research, analyzing healthcare datasets, and assisting in preparing Case reports and Academic papers.– Assisting Prof. Tarun and Prof. Pritha on a Tata Electronics pvt ltd. Project	
Economics Department - IISER Bhopal	Bhopal, India
Research Assistant and Teaching Assistant	Fall 2023
<ul style="list-style-type: none">– Provided Economics Department with Research Assistantship on cleaning the datasets and doing preliminary regressions and related literature reviews on various projects.– Provided the Department of Economics with Teaching Assistantship for the Econometrics Course.	
IISER Bhopal	Bhopal, India
Master Thesis under Dr.Vipin V and Dr. Sreenath VS	AY 2022
<ul style="list-style-type: none">– Digital Divide(Bloom's Taxonomy):Evidences from Uttarakhand - Conducted a survey in government schools of Uttarakhand and prepared a dataset and analysed it for evidences of Digital Divide.	
Mercatus Centre	Virginia, U.S.A
Don Lavoie Fellow	AY 2022
<ul style="list-style-type: none">– Introduced to key ideas in the Austrian, Virginia, and Bloomington schools of political economy as well as contemporary work in this tradition– Attended a series of online activities, including an online discussion portal and online reading discussion sessions led by various Hayek Program scholars	
George Mason University(GMU)	Virginia, U.S.A
Research Assistant under Dr. Noel D. Jhonson	Spring 2021
<ul style="list-style-type: none">– Cleaned and modified Colonial Era Dataset on Smallpox, population, and related variables.– Developed a model to predict the missing values for vaccinations	
Summer Research Internship Program - Indian Institute of Technology	Gandhinagar, India
Intern under Dr. Madhumita Sengupta	Spring 2020

- Studied various effects of colonialism in India and the entire world, understanding the ideology behind that and comparing it with the idea of Neo-colonialism and a Comprehensive study on the tax structure and the expenditure done on military and railways to maintain the Indian colony .

Humanities and Social Sciences Department - IISER Bhopal

Intern under Dr. Anandita Pan

Bhopal, India

Fall 2021

- Study of various speeches and ideologies after independence in relation to feminism and Dalit empowerment

CONFERENCES

- **2024 ASIA MEETING OF THE ECONOMETRIC SOCIETY (AMES-CSW 2024)**

Slides and Link to Website

SKILLS

Data Analysis: R, Python, DEAP, STATA (beginner)

Core Programming: C (beginner)

LANGUAGES

- **Language: English** Proficiency level: Advanced

- **Language: Hindi** Proficiency level: Advanced

PROJECTS

Making an efficient cricket team for IPL using DEAP analysis(Replicated for Term Paper)

- Project Description: Predicting the Efficiency of cricketers and making a cricket team of most efficient cricket players. Indian Premier League Data for the year 2020 from the official website.

Activity Recognition using smart phone

- Project Description: drew visualization from the data set and used machine learning algorithms for classifying activities.

Impact of GST on Tax Revenue and Growth(Replicated for Term Paper)

- Project Description: Analysing if tax has become more efficient after the implementation of GST for the year 2019-2020.

AWARDS/FELLOWSHIPS

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|---------------------------------------|------|
| • Don Lavoie Fellowship (USD 1250) | 2022 |
| • SRIP IIT Gandhigar (INR 2000/week) | 2021 |
| • GATE Economics | 2020 |

RELEVANT COURSES

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|---|------|
| • Econometrics - Grade A | 2019 |
| • Mechanism Design - Grade A | 2019 |
| • Game Theory - Grade B | 2019 |
| • International Economics - Grade A | 2020 |
| • Development Economics - Grade B | 2020 |
| • Applied Production Analysis - Grade B | 2021 |
| • Public Finance - Grade B | 2021 |

CERTIFICATES/OTHER COURSES

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|-------------------------------------|------|
| • Financial Markets(Coursera) - 96% | 2021 |
| • AI in Scientific Applications | 2020 |
| • Multivariable Calculus | 2019 |
| • Groups and Symmetry | 2019 |
| • Discrete Mathematics | 2019 |

EXTRACURRICULAR ACTIVITIES

- Department Representative 2022–2023
Economic Sciences- IISER Bhopal
- Head Of Finance 2020–2021
Organized the largest Cultural Fest of central India 'Enthuzia'
- Senior Communications Associate at Career Development Council 2018–2020
Interacted with HR and Technical executives from over 70 leading corporate and academic institutions to strengthen the career prospects of outgoing batches in relevant fields.
- Contingent Manager 2019–2020
Cultural Council IISERB.
- National Science Camp(VIJYOSHI) 2019–2020
Department Of Science and Technology(Govt.of India).
- Unnat Bharat Abhiyan 2019–2020
Member of Unnat Bharat Abhiyan(Govt. Of India).

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