

# Curriculum Vitae

Maibam Rakesh Singh

## PERSONAL INFORMATION

---

### Maibam Rakesh Singh

Postgraduate Student  
Department of Statistics  
School of Mathematical Sciences  
Bharathidasan University, Khajamalai Campus  
Tiruchirappalli – 620023, Tamil Nadu, India

#### Contact:

-  +91 9436212439
-  +91 7448923683
-  maibmarakeshsingh93@outlook.com
-  maibamrakeshsingh31@gmail.com
-  GitHub
-  LinkedIn

#### Personal Details:

**Birth:** 1st April 1993, Imphal East, India  
**Nationality:** Indian  
**Marital Status:** Unmarried

#### Permanent Address:

H.No.28, Ningomthong Kitna Panung,  
Imphal East, Manipur, India – 795008

#### Correspondence Address:

H.No.2, N.M.K. Colony, 10th Cross, T.V.S Tollgate,  
Tiruchirappalli, Tamil Nadu, India – 620020

## PERSONAL STATEMENT

---

I am an aspiring mathematician and statistician driven by a profound passion for uncovering intricate mathematical structures and addressing complex scientific challenges. My academic and research interests lie at the intersection of mathematics, statistics, and scientific computing, with a particular focus on statistical physics and its applications in data science.

Through my training, I have developed expertise in advanced statistical techniques, mathematical modeling, and computational methods, complemented by strong programming and analytical skills. I aim to leverage these tools to contribute to both fundamental research and applied sciences, fostering innovation that bridges theoretical insights with real-world applications.

My long-term goal is to advance research that integrates statistical physics with modern data-driven approaches, thereby opening new pathways for understanding complex systems and driving breakthroughs across academia and industry.

## RESEARCH INTERESTS

---

- **Statistical Inference & Causal Analysis:** Causal Inference in Non-Stationary Time Series; Limit Theorems for Stochastic Processes
- **Stochastic Geometry & Point Processes:** Percolation in Random Geometric Graphs; Ergodicity and Mixing Rates of Cox Processes; High-Dimensional Limit Theory
- **Ergodic Theory & Dynamical Systems:** Mixing Properties; Ergodicity in Random Dynamical

## Systems

- **Complex Systems & Applications:** Inference of Universality Classes from High-Dimensional Experimental Data; Statistical Physics
- **Machine Learning:** Statistical Inference of Phase Transitions in Machine Learning Models

## EDUCATIONAL BACKGROUND

---

2016–2020	<b>Master of Science in Statistics</b> Bharathidasan University, Tiruchirappalli, Tamil Nadu, India <i>Thesis:</i> Extremely long title of my thesis <i>Advisor:</i> xxxxxxxx xxxxxxx <i>Co-Advisor:</i> xxxxxxxx xxxxxxxx xxxxxxxx
2020–2021	<b>Bachelor of Science in Mathematical Statistics</b> Hemvati Nandan Bahuguna Garhwal University, Garhwal, Uttarakhand, India <i>Thesis:</i> Extremely long title of my thesis <i>Advisor:</i> xxxxxxxx xxxxxxxx xxxxxxxx
2014–2016	<b>Bachelor of Science in Physics (Honours)</b> Manipur University, Canchipur, Manipur, India <i>Thesis:</i> Extremely long title of my thesis <i>Advisor:</i> xxxxxxxx xxxxxxxx
2008–2014	<b>All India Senior School Certificate Examination (AISSCE)</b> Central Board of Secondary Education, New Delhi, India

## PROFESSIONAL EXPERIENCE

---

00/1111–Current	<b>Place name</b> <i>Position:</i> Position name <i>Project:</i> Project name <i>Supervisor:</i> xxxxxxxxxxxxxxxxxxxxxxxxx
00/1111–00/2222	<b>Place name</b> <i>Position:</i> Position name <i>Project:</i> Project name <i>Supervisor:</i> xxxxxxxxxxxxxxxxxxxxxxxxx

## ACADEMIC EXPERIENCE

---

00/1111–22/3333	<b>Name (Acronym)</b> <i>Position:</i> position name <i>Location:</i> location name <i>Research topic:</i> topic1, topic2, ... topicN <i>Supervisor:</i> supervisor name
-----------------	--

## COMMUNITY SERVICES

---

### Organizing Committee

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx
- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

### Program Committee

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

#### Artifact Evaluation Committee

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx
- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

#### Journal Reviews

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx
- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

#### External Reviewer

- [acronym'23]: name 2023. Role: xxxxxxxxxxxx
- [acronym'23]: name 2023. Role: xxxxxxxxxxxx

#### Student Volunteer

- [acronym'23]: Description here
- [acronym'23]: Description here

#### Invited Speaker

- acronym'23 Venue-name. Title-of-the-talk. Date: dd mm yyyy.
- acronym'23 Venue-name. Title-of-the-talk. Date: dd mm yyyy.
- acronym'23 Venue-name. Title-of-the-talk. Date: dd mm yyyy.

### **VOLUNTEERING**

---

- acronym'23 Venue-name. Date: dd mm yyyy.
- acronym'23 Venue-name. Date: dd mm yyyy.
- acronym'23 Venue-name. Date: dd mm yyyy.

### **HONORS, AWARDS & SCHOLARSHIPS**

---

- |          |   |
|----------|---|
| xxx 1500 | Description of the honors, awards or scholarship. |
| xxx 1500 | Description of the honors, awards or scholarship. |

### **SCHOOLS AND WORKSHOPS ATTENDED**

---

- |           |                                     |
|-----------|-------------------------------------|
| xxxx 2020 | Description of this item goes here. |
| xxxx 2020 | Description of this item goes here. |
| xxxx 2020 | Description of this item goes here. |

### **TOOLS AND ARTIFACTS**

---

- |      |                                     |
|------|-------------------------------------|
| 2009 | Name of some early project of mine  |
| 2021 | Name of some recent project of mine |

### **ADDITIONAL INFORMATION**

---

**Personal Interests**

- Running, Cycling, Swimming
- Hiking, Traveling

**Languages**

- Portuguese (native)
- English (TOEFL iBT: 96/120)
- Dutch (basic)

---

**REFERENCES****Prof. dr. fullname1** (M.Sc. & Ph.D. advisor)

*Position:* Professor at University of São Paulo - USP

*Institute:* Institute of Mathematical and Computer Sciences (ICMC)

*Address:* Av. São Carlense 400, Centro, 13560-970, São Carlos, BR

*Email:* [xxxx@usp.br](mailto:xxxx@usp.br)

**Prof. dr. fullname2** (Ph.D. co-advisor)

*Position:* Professor at King's College London

*Department:* Department of Informatics

*Address:* King's College London, Strand, WC2R 2LS, London, UK

*Email:* [xxxx@kcl.ac.uk](mailto:xxxx@kcl.ac.uk)

Tiruchirappalli, India

February 25, 2026

[*CV compiled on February 25, 2026*]

February 25, 2026