

Hisay Lama

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Digital Profile Url: <https://cifa.ac/cifa-resume/57edb8d1-d222-44e2-acde-996e818aad03>

Physicist & Quantitative Researcher with 5+ years of working experience in top universities, specializing in statistical physics, quantitative modeling, and machine learning. Skilled at analysing complex systems and high-dimensional data to generate actionable insights. Passionate about translating complex data into clear metrics and applying physics-driven problem-solving to interdisciplinary challenges.

EDUCATION

IIT Madras, India -- Ph.D. - Physics ((2019))

IIT Madras, India -- MSc - Physics ((2013))

WORK EXPERIENCE

Oct 2023 – Present
Research Associate [Imperial College London, U.K]

Dec 2020 – Sep 2023
Postdoctoral Researcher [The University of Tokyo, Japan]

Nov 2019 - Sept 2020
Senior Researcher [Institute of Basic Science, South Korea]

Feb 2018 – June 2018
Researcher [Universite of Paris Sud, France]

CERTIFICATES

Expected Feb 2026
UK Financial Regulation (Level 4, FCA compliance)
Introduction to UK Financial Regulation and Professional Integrity

Expected Apr 2026
Financial Engineering
Finance and Economics

Jun 2025

Data Science in Finance bootcamp

Jul 2025

Introduction to Probability (STAT 110)

Dec 2024

Forward Program – Project Management

Aug 2022

Introduction to Statistics

Apr 2021

Introduction to Machine Learning

SKILLS

Hard Skills: Data Analysis & Modeling, Python, MATLAB, MySQL, Power BI, Excel, Statistical Analysis, Machine Learning, Quantitative Modeling, Trading View, Yahoo Finance, Bloomberg, Pandas, Scikit-learn, TensorFlow, Keras, PowerBI, MATLAB, Mathematica, SolidWorks, AutoCAD, LabVIEW, ImageJ/Fiji, Origin,

Soft Skills: Research & Development, Project & Team Management, Multicultural Experience