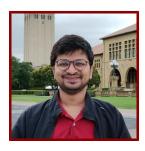# Stanford

Aakash Patil

Postdoctoral Scholar, Mechanical Engineering

Bio

BIO

Dr. Aakash Patil is a postdoctoral researcher at Stanford University working on deep Learning-assisted predictive modeling for high-dimensional spatio-temporal problems, particularly for turbulence in fluids. At the Center for Turbulence Research he works with Prof. Beverley McKeon as a part of a grant funded by the US Office of Naval Research. His Ph.D. in Computational Mathematics from Mines ParisTech - Paris Sciences et Lettres University led to the development of innovative deep learning methods for nonlinear dynamical systems and the creation of high-performance CPU-GPU frameworks for deep learning-assisted simulations. He was a co-founder of GreenPanda in 2014, a webtech startup catering SMBs, and exited in 2019 after 5 years of successful inclusion of SMBs in India's digital ecosystem.

His expertise includes building deep learning foundation models for high-dimensional spatio-temporal problems, scientific computing, machine learning operations, and quantitative analysis for complex scientific and engineering challenges. Interested in consultations or collaborations? Connect on LinkedIn at https://linkedin.com/in/aakash-patil

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- MINDS Ph.D. Fellow, CNRS - CEMEF
- Co-founder, GreenPanda

PROFESSIONAL EDUCATION

- Ph.D., Mines ParisTech - Paris Sciences and Lettres University
- Master's Degree, Ecole Centrale de Lille & ISAE-ENSMA
- Bachelor's Degree, Savitribai Phule Pune University

STANFORD ADVISORS

- Beverley McKeon, Postdoctoral Faculty Sponsor

LINKS

- LinkedIn: https://linkedin.com/in/aakash-patil