

My Elephabulous Resumé

Neelanjan Bhowmik

Computer Vision & Imaging Researcher

✉ nilus.mail@gmail.com

🏠 www.durham.ac.uk/staff/neelanjan-bhowmik/

🌐 www.linkedin.com/in/neelanjanbhowmik/

☎ 0044 (0) 7483867745

Hello world!

Meet our explorer friend! **Over 7+ years** of experiences in specialising in **Applied Computer Vision, Deep Learning, and Machine Learning**, this gentle soul tackles everything from **visible/non-visible spectrum image understanding to object recognition** to decoding the mysterious world of X-ray images, and beyond.

Let's make sense of the visual world together!

2008

Bachelor in Electronics Engineering
Nagpur University, India

2012

MSc in Computer Vision Engineering
University of Sheffield, UK

2017

PhD in Image Processing & Computer Vision
Université Paris-Est, France

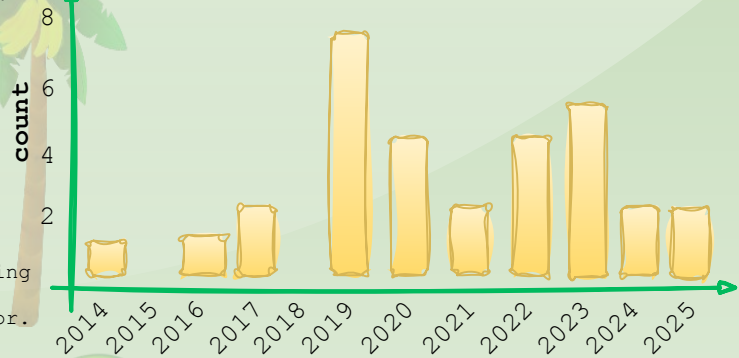
2024 - Present

AI & Computer Vision Engineer
AutosOnShow (British Car Auction), UK

- Leading the ML/CV team, focusing on the visual world through image understanding and AI-driven solutions.
- Expertise in image processing, object detection, segmentation, classification, image generation.

30+ Publications

in Int. Conf. & Journals
G-Scholar: <https://bit.ly/nbgsc>



2018 - 2024

Post Doctoral Research Associate
Durham University, UK

- Expert in visible/non-invisible spectrum, specialising in object detection, segmentation, anomaly detection, synthetic image insertion, aviation/surveillance sector. Algorithm development for embedded/edge devices.

-Project management, leadership, supervision, integral part of research, board-of-studies, EDI committees, civic engagement.

2017 - 2018

Researcher
IGN, France

- Implementation of **image retrieval system on cloud**, parallelisation algorithms for **big multimedia data**.
- Specialised in multimedia data linking, vision-based localisation.

2008 - 2011

Technical Associate
Tech Mahindra Ltd, India

- Proficient in software **development, testing**, addressing environmental concerns for broadband provisioning systems.
- Experience in resolving live issues by **coordinating with multiple vendors/clients**.

Buzzchievement

Discretionary Award, 2023
Durham University

Highly Recommended, 2021
Innovator of the Year award
Dynamo

Best Student Paper, 2017
Shortlisted
JURSE Conference

Merit Scholarship, 2011
The Uni of Sheffield

Appreciation Award, 2010
Tech Mahindra Ltd

#Python #shell-scripting #c++ #MATLAB
#PyTorch #mmdetection #mmdploy #ONNX
#opencv #scikit #matplotlib #pandas #plotly
#ai #ml #deep-learning
#image-processing #data-analysis

#project-management #supervision
#collaboration #agile #scrum #sprint

BeeHubs

github.com/NeelBhowmik/xray
github.com/NeelBhowmik/imfication
github.com/NeelBhowmik/AnnotateMate
github.com/NeelBhowmik/efficient-compact-fire-detection-cnn